

Converting Colors

Yxy(83.1039, 0.3096, 0.3264)

Have a look what the booklet for
Yxy(83.1039, 0.3096, 0.3264)
contains.

Yxy(82.9133, 0.3095, 0.3259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.9133, 0.3095, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E9EBEE
RGB	233, 235, 238
RGB Percent	91%, 92%, 93%
CMY	0.0864, 0.0784, 0.0666
CMYK	0.02, 0.01, 0.00, 0.07
HSL	216°, 13%, 92%
HSV	216°, 2%, 93%
XYZ	78.7409, 82.9133, 92.7591
YIQ	234.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

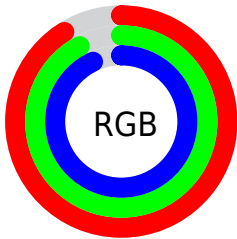
Format	Color
R _Y B	233, 234, 238
Decimal	15330286
CIE Lab	92.98, -0.13, -1.71
CIE LCh	93, 1.710, 265.623
Yxy	82.9133, 0.3095, 0.3259
Android (android.graphics.Color)	4293520366 (0xFFE9EBEE)
YUV	234.7440, 1.6052, -1.5295
Hunter-Lab	91.0567, -4.9922, 3.3413

Details

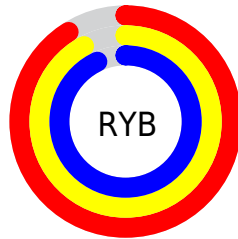
The Yxy color **82.9133, 0.3095, 0.3259** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.0451, 0.3160, 0.3321**, and the grayscale version is **82.8621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9647, 0.3086, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **71.3703, 0.2938, 0.3102**, and if you desaturate by 10%, it is **95.3141, 0.3231, 0.3399**.

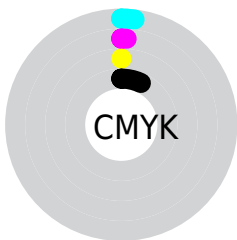
Distribution



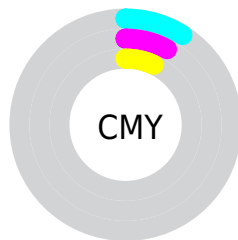
- Red (91%)
- Green (92%)
- Blue (93%)



- Red (91%)
- Yellow (92%)
- Blue (93%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9133, 0.3095, 0.3259 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 82.9133, 0.3095, 0.3259 by changing the saturation by 10% instead.

■ 82.9133, 0.3095,
0.3259

■ 82.9133, 0.3095,
0.3259

504.6975, 0.3110,
0.3273

■ 62.1186, 0.3092,
0.3256

137.4540, 0.3100,
0.3264

■ 45.1286, 0.3088,
0.3252

171.9689, 0.3102,
0.3266

■ 31.5587, 0.3083,
0.3247

211.8259, 0.3104,
0.3267

■ 21.0247, 0.3076,
0.3241

257.4095, 0.3105,
0.3269

■ 13.1420, 0.3068,
0.3233

309.1041, 0.3106,
0.3270

■ 7.5264, 0.3056,
0.3221

367.2940, 0.3108,

■ 3.7934, 0.3037,

0.3271

432.3637, 0.3109,
0.3272

0.3203

■ 1.5587, 0.3006,
0.3173

■ 0.3295, 0.2774,
0.2949

■ 82.9133, 0.3095,
0.3259

■ 82.9133, 0.3095,
0.3259

■ 71.3703, 0.2938,
0.3102

■ 95.3141, 0.3231,
0.3399

■ 60.9762, 0.2772,
0.2926

■ 98.9544, 0.3226,
0.3454

■ 51.6961, 0.2600,
0.2733

■ 43.4891, 0.2427,
0.2522

■ 36.3116, 0.2256,
0.2298

■ 30.1164, 0.2096,
0.2066

■ 24.8521, 0.1951,
0.1832

■ 20.4613, 0.1829,
0.1606

■ 16.8775, 0.1735,
0.1396

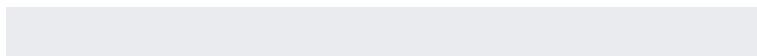
Harmonies

Analogous

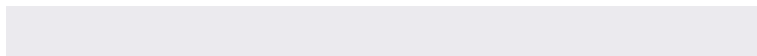
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9133, 0.3089, 0.3270



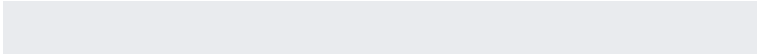
82.9133, 0.3095, 0.3259



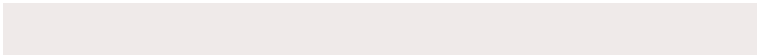
82.9133, 0.3110, 0.3256

Triad

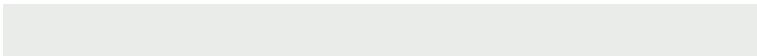
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9133, 0.3095, 0.3259



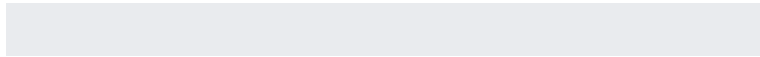
82.9133, 0.3162, 0.3294



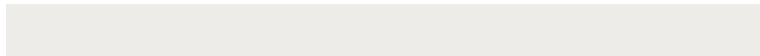
82.9133, 0.3125, 0.3318

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



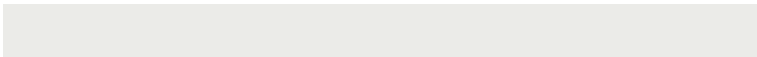
82.9133, 0.3095, 0.3259



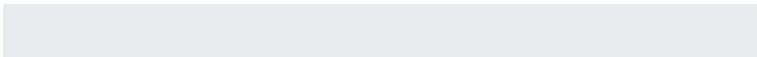
84.0451, 0.3160, 0.3321

Split Complementary

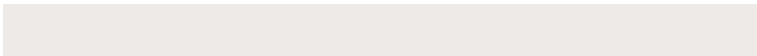
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9133, 0.3145, 0.3324



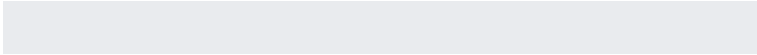
82.9133, 0.3095, 0.3259



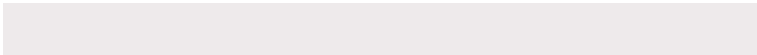
82.9133, 0.3166, 0.3310

Square

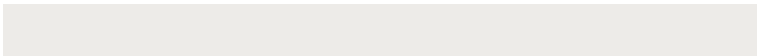
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



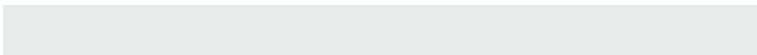
82.9133, 0.3095, 0.3259



82.9133, 0.3148, 0.3277



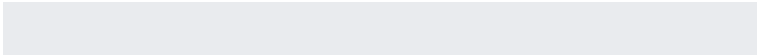
82.9133, 0.3160, 0.3321



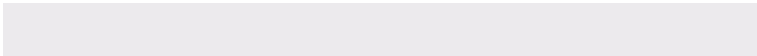
82.9133, 0.3106, 0.3304

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



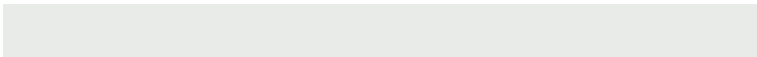
82.9133, 0.3095, 0.3259



82.9133, 0.3123, 0.3260



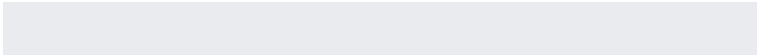
82.9133, 0.3160, 0.3321



82.9133, 0.3132, 0.3321

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.9168, 0.3095, 0.3259



98.5530, 0.3112, 0.3275



84.5330, 0.3107, 0.3312



21.1097, 0.3113, 0.3276



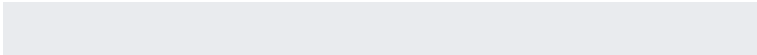
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

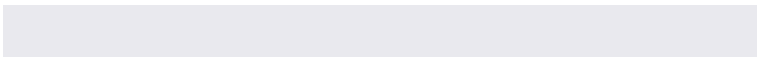
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9168, 0.3095, 0.3259



95.7013, 0.3081, 0.3246



81.8274, 0.3099, 0.3238



17.7215, 0.3069, 0.3234



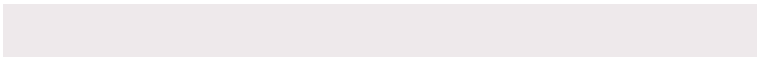
8.3547, 0.1687, 0.1274



0.8851, 0.1759, 0.1533

Inverse Universe

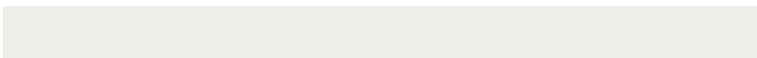
The Inverse Universe completely reimagines the original color for something new.



82.4429, 0.3148, 0.3269



94.9254, 0.3158, 0.3261



85.1525, 0.3155, 0.3341



17.5407, 0.3166, 0.3253



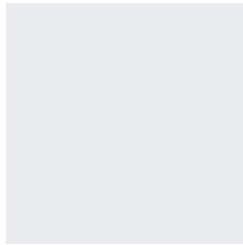
10.6368, 0.5362, 0.2728



0.9041, 0.5016, 0.2537

Previews

White Background



This preview shows how the Yxy color 82.9133, 0.3095, 0.3259 looks on a white background.

Color Contrast Check

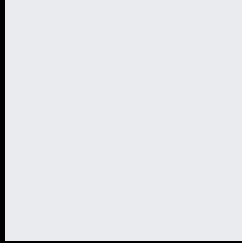
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 82.9133, 0.3095, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

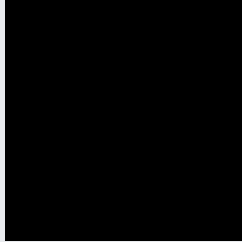
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

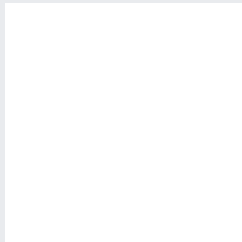
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9133, 0.3095, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 82.9133, 0.3095, 0.3259.

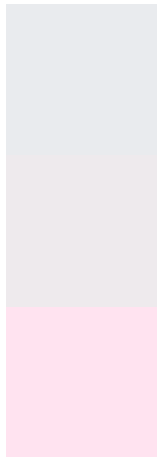


This preview shows how white text looks on a background with the Yxy color 82.9133, 0.3095, 0.3259.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.9133, 0.3095, 0.3259

Protanopia

83.1372, 0.3135, 0.3260

Deuteranopia

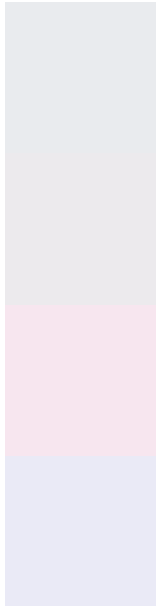
82.4894, 0.3237, 0.3162



Tritanopia

82.9050, 0.3030, 0.3108

Trichromacy



Original Color

82.9133, 0.3095, 0.3259

Protanomaly

82.7929, 0.3122, 0.3259

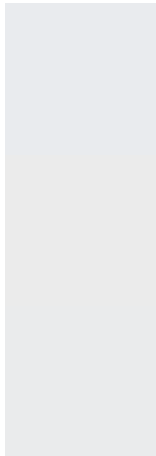
Deuteranomaly

82.5998, 0.3186, 0.3200

Tritanomaly

82.9919, 0.3053, 0.3168

Monochromacy



Original Color

82.9133, 0.3095, 0.3259

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9652, 0.3114, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9133, 0.3095, 0.3259 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(233, 235, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 235, 238) }
```

Border

The CSS property to change the border of an element to Yxy 82.9133, 0.3095, 0.3259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 235, 238) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 235, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 235,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9133, 0.3095, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 235, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
235, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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