

Converting Colors

Yxy(86.4580, 0.3110, 0.3264)

Have a look what the booklet for
Yxy(86.4580, 0.3110, 0.3264)
contains.

Yxy(86.4945, 0.3109, 0.3260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(86.4945, 0.3109, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFF2
RGB	239, 239, 242
RGB Percent	94%, 94%, 95%
CMY	0.0627, 0.0627, 0.0510
CMYK	0.01, 0.01, 0.00, 0.05
HSL	240°, 10%, 94%
HSV	240°, 1%, 95%
XYZ	82.4882, 86.4945, 96.3379
YIQ	239.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

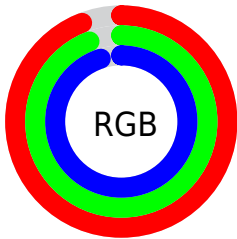
Format	Color
R _Y B	239, 239, 242
Decimal	15724530
CIE Lab	94.52, 0.54, -1.45
CIE LCh	95, 1.542, 290.335
Yxy	86.4945, 0.3109, 0.3260
Android (android.graphics.Color)	4293914610 (0xFFEFEFF2)
YUV	239.3420, 1.3104, -0.2999
Hunter-Lab	93.0024, -4.4343, 3.6853

Details

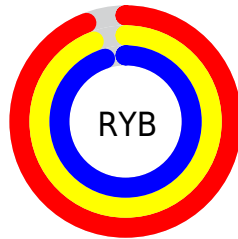
The Yxy color **86.4945, 0.3109, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.5983, 0.3145, 0.3320**, and the grayscale version is **86.5888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4794, 0.3104, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **69.3506, 0.2950, 0.2997**, and if you desaturate by 10%, it is **99.1898, 0.3203, 0.3415**.

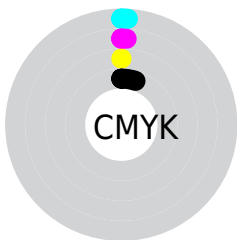
Distribution



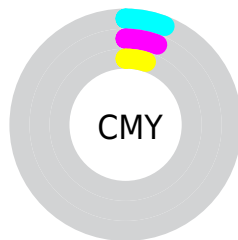
- Red (94%)
- Green (94%)
- Blue (95%)



- Red (94%)
- Yellow (94%)
- Blue (95%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4945, 0.3109, 0.3260 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 86.4945, 0.3109, 0.3260 by changing the saturation by 10% instead.

86.4945, 0.3109,
0.3260

86.4945, 0.3109,
0.3260

516.5604, 0.3117,
0.3274

65.0770, 0.3107,
0.3257

142.4593, 0.3112,
0.3265

47.5235, 0.3105,
0.3253

177.7754, 0.3113,
0.3266

33.4497, 0.3102,
0.3249

218.4932, 0.3114,
0.3268

22.4712, 0.3099,
0.3243

264.9970, 0.3115,
0.3269

14.2035, 0.3094,
0.3235

317.6712, 0.3115,
0.3271

8.2623, 0.3087,
0.3224

376.9002, 0.3116,

4.2633, 0.3077,

0.3272

0.3208

443.0685, 0.3117,
0.3273

■ 1.8219, 0.3061,
0.3181

■ 0.5008, 0.2989,
0.3061

■ 86.4945, 0.3109,
0.3260

■ 86.4945, 0.3109,
0.3260

■ 69.3506, 0.2950,
0.2997

■ 99.1898, 0.3203,
0.3415

■ 54.5608, 0.2770,
0.2700

■ 42.0259, 0.2570,
0.2370

■ 31.6351, 0.2357,
0.2018

■ 23.2684, 0.2140,
0.1660

■ 16.7939, 0.1934,
0.1319

■ 12.0642, 0.1755,
0.1022

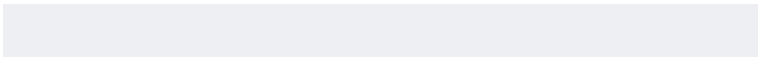
■ 8.9102, 0.1619,
0.0797

■ 7.1292, 0.1535,
0.0659

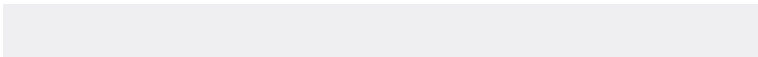
Harmonies

Analogous

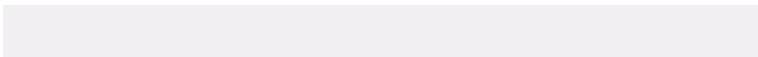
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4945, 0.3097, 0.3264



86.4945, 0.3109, 0.3260



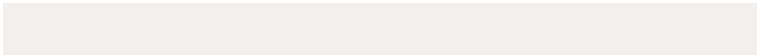
86.4945, 0.3126, 0.3264

Triad

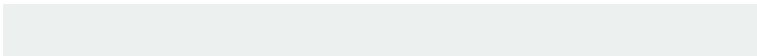
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4945, 0.3109, 0.3260



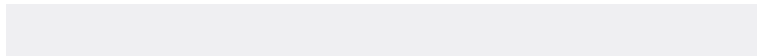
86.4945, 0.3162, 0.3306



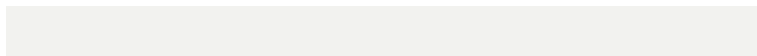
86.4945, 0.3111, 0.3305

Complementary

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



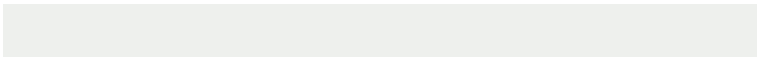
86.4945, 0.3109, 0.3260



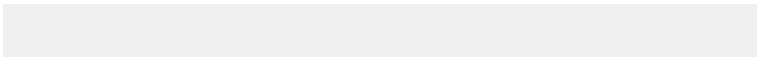
88.5983, 0.3145, 0.3320

Split Complementary

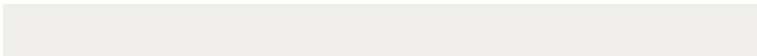
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4945, 0.3129, 0.3316



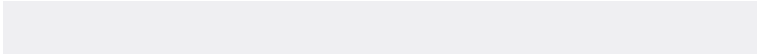
86.4945, 0.3109, 0.3260



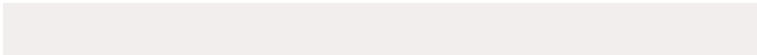
86.4945, 0.3158, 0.3317

Square

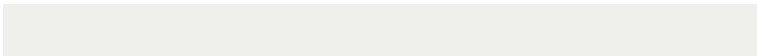
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4945, 0.3109, 0.3260



86.4945, 0.3156, 0.3291



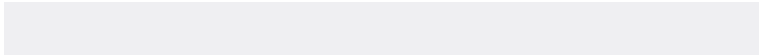
86.4945, 0.3145, 0.3321



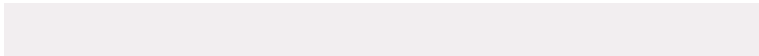
86.4945, 0.3098, 0.3290

Rectangle

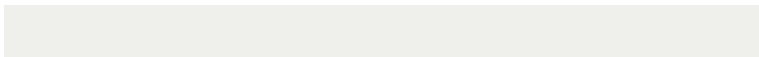
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



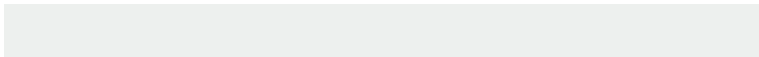
86.4945, 0.3109, 0.3260



86.4945, 0.3138, 0.3271



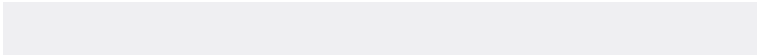
86.4945, 0.3145, 0.3321



86.4945, 0.3117, 0.3309

Sweetspot

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



86.4982, 0.3109, 0.3260

100.0000, 0.3127, 0.3290



88.2526, 0.3108, 0.3290



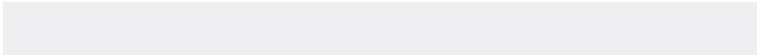
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

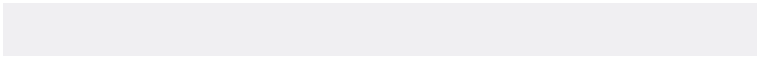
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4982, 0.3109, 0.3260



97.9059, 0.3112, 0.3266



86.7472, 0.3118, 0.3260



18.3611, 0.3113, 0.3267



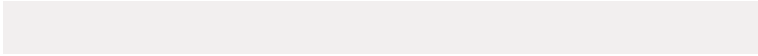
3.4503, 0.1500, 0.0601



0.2885, 0.1501, 0.0604

Inverse Universe

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



86.8412, 0.3147, 0.3290



98.2209, 0.3143, 0.3290



88.3472, 0.3136, 0.3320



18.4168, 0.3142, 0.3290



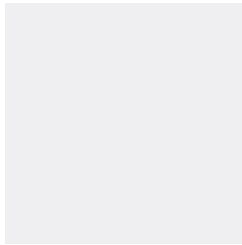
10.1417, 0.6399, 0.3299



0.8438, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 86.4945, 0.3109, 0.3260 looks on a white background.

Color Contrast Check

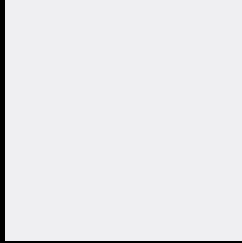
Large Text (above 18pt) WCAG AA × Fail

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 86.4945, 0.3109, 0.3260 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

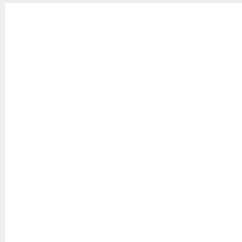
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4945, 0.3109, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 86.4945, 0.3109, 0.3260.

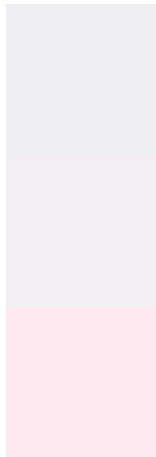


This preview shows how white text looks on a background with the Yxy color 86.4945, 0.3109, 0.3260.

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

86.4945, 0.3109, 0.3260

Protanopia

86.5546, 0.3142, 0.3260

Deuteranopia

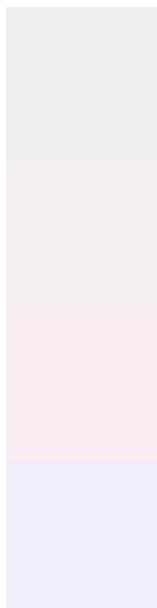
86.5164, 0.3219, 0.3212



Tritanopia

86.4891, 0.3044, 0.3112

Trichromacy



Original Color

86.4945, 0.3109, 0.3260

Protanomaly

86.3772, 0.3135, 0.3260

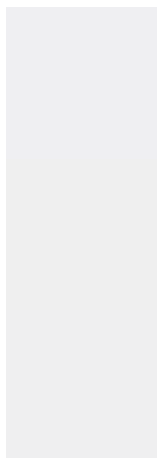
Deuteranomaly

86.5414, 0.3177, 0.3231

Tritanomaly

86.5765, 0.3067, 0.3170

Monochromacy



Original Color

86.4945, 0.3109, 0.3260

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3750, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4945, 0.3109, 0.3260 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(239, 239, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 242)  
}
```

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(239, 239, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 242) }
```

Border

The CSS property to change the border of an element to Yxy 86.4945, 0.3109, 0.3260 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(239, 239, 242) }
```

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

```
.border{ border-color:rgb(239, 239, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 239, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
242) }
```

Background

The CSS property to change the background color of an element to Yxy 86.4945, 0.3109, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 242) }
```

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

```
.background{ background-color: rgb(239,  
239, 242) }
```

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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