

Converting Colors

$Yxy(82.2429, 0.3118, 0.3275)$

Have a look what the booklet for
Yxy(82.2429, 0.3118, 0.3275)
contains.

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Color

Yxy(82.3362, 0.3121, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EAEAEB
RGB	234, 234, 235
RGB Percent	92%, 92%, 92%
CMY	0.0824, 0.0823, 0.0785
CMYK	0.00, 0.00, 0.00, 0.08
HSL	239°, 2%, 92%
HSV	239°, 0%, 92%
XYZ	78.3449, 82.3362, 90.3439
YIQ	234.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
RYB	234, 234, 235
Decimal	15395563
CIELab	92.72, 0.17, -0.48
CIELCh	93, 0.512, 289.756
Yxy	82.3362, 0.3121, 0.3280
Android (android.graphics.Color)	4293585643 (0xFFEAEAEB)
YUV	234.1140, 0.4368, -0.1000
Hunter-Lab	90.7393, -4.6757, 4.4859

Details

The Yxy color **82.3362, 0.3121, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.9927, 0.3133, 0.3300**, and the grayscale version is **82.3674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5604, 0.3119, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **66.3450, 0.2964, 0.3025**, and if you desaturate by 10%, it is **98.7770, 0.3244, 0.3483**.

Distribution



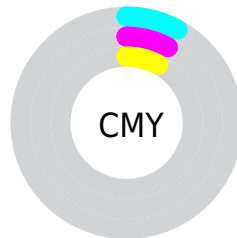
- Red (92%)
- Green (92%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3362, 0.3121, 0.3280 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 82.3362, 0.3121, 0.3280 by changing the saturation by 10% instead.

■ 82.3362, 0.3121,
0.3280

■ 82.3362, 0.3121,
0.3280

502.7716, 0.3124,
0.3285

■ 61.6427, 0.3120,
0.3279

136.6454, 0.3122,
0.3282

■ 44.7441, 0.3120,
0.3278

171.0298, 0.3122,
0.3282

■ 31.2559, 0.3119,
0.3276

210.7467, 0.3123,
0.3283

■ 20.7938, 0.3117,
0.3274

256.1804, 0.3123,
0.3283

■ 12.9733, 0.3116,
0.3271

307.7154, 0.3123,
0.3284

■ 7.4102, 0.3113,
0.3267

365.7360, 0.3123,

■ 3.7199, 0.3110,

0.3284

0.3262

430.6266, 0.3124,
0.3284

■ 1.5182, 0.3104,
0.3252

■ 0.3015, 0.3047,
0.3159

■ 82.3362, 0.3121,
0.3280

■ 82.3362, 0.3121,
0.3280

■ 66.3450, 0.2964,
0.3025

■ 98.7770, 0.3244,
0.3483

■ 52.4978, 0.2786,
0.2736

■ 40.7067, 0.2590,
0.2416

■ 30.8736, 0.2380,
0.2072

■ 22.8927, 0.2165,
0.1719

■ 16.6479, 0.1958,
0.1377

■ 12.0102, 0.1777,
0.1075

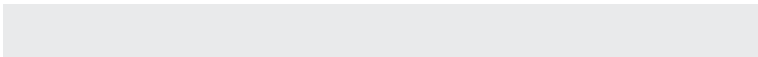
■ 8.8326, 0.1635,
0.0838

■ 6.9412, 0.1545,
0.0682

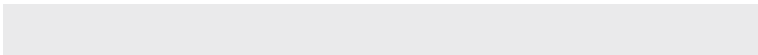
Harmonies

Analogous

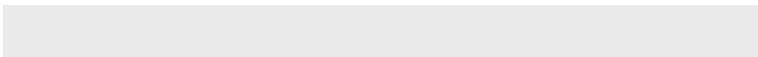
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3362, 0.3117, 0.3281



82.3362, 0.3121, 0.3280



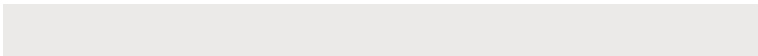
82.3362, 0.3127, 0.3281

Triad

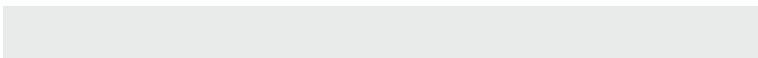
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3362, 0.3121, 0.3280



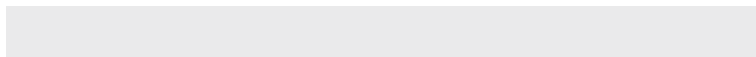
82.3362, 0.3139, 0.3295



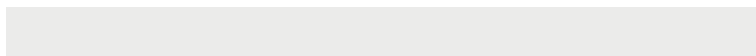
82.3362, 0.3122, 0.3295

Complementary

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



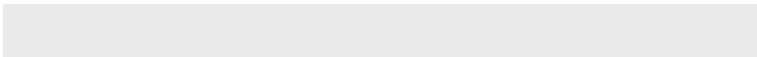
82.3362, 0.3121, 0.3280



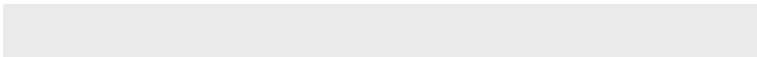
82.9927, 0.3133, 0.3300

Split Complementary

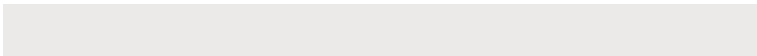
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3362, 0.3128, 0.3299



82.3362, 0.3121, 0.3280



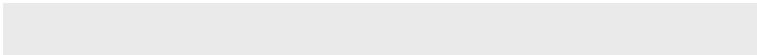
82.3362, 0.3138, 0.3299

Square

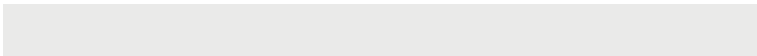
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



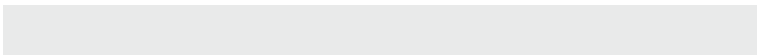
82.3362, 0.3121, 0.3280



82.3362, 0.3137, 0.3290



82.3362, 0.3134, 0.3300



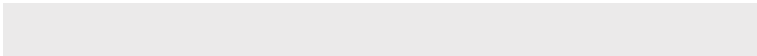
82.3362, 0.3118, 0.3290

Rectangle

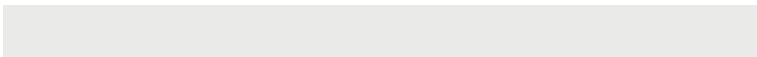
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



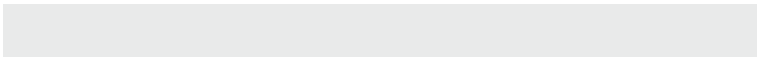
82.3362, 0.3121, 0.3280



82.3362, 0.3131, 0.3284



82.3362, 0.3134, 0.3300



82.3362, 0.3124, 0.3297

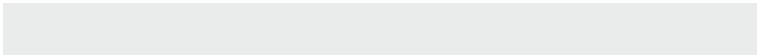
Sweetspot

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



82.3397, 0.3121, 0.3280

100.0000, 0.3127, 0.3290



82.8911, 0.3121, 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.



82.3397, 0.3121, 0.3280



97.9346, 0.3112, 0.3266



82.4069, 0.3124, 0.3280



17.5385, 0.3113, 0.3267



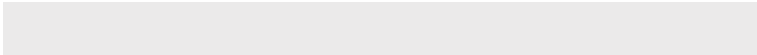
3.4148, 0.1504, 0.0612



0.2848, 0.1513, 0.0646

Inverse Universe

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



82.4406, 0.3134, 0.3290



98.2238, 0.3143, 0.3290



82.9254, 0.3130, 0.3300



17.5873, 0.3142, 0.3290



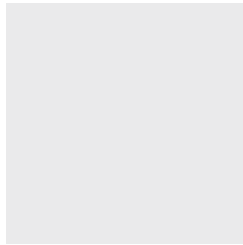
9.8375, 0.6380, 0.3288



0.7742, 0.6322, 0.3256

Previews

White Background



This preview shows how the Yxy color 82.3362, 0.3121, 0.3280 looks on a white background.

Color Contrast Check

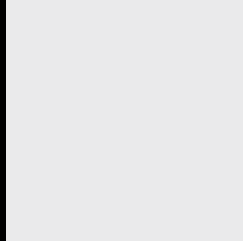
Large Text (above 18pt) WCAG AA × Fail

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 82.3362, 0.3121, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

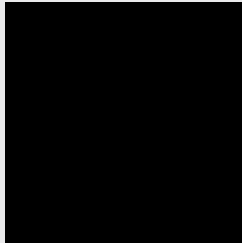
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

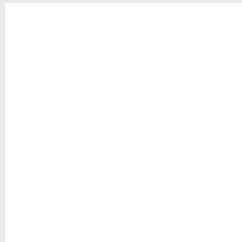
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.3362, 0.3121, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 82.3362, 0.3121, 0.3280.

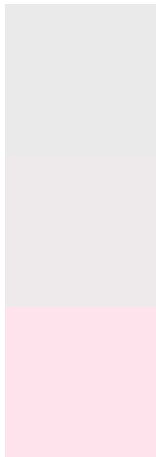


This preview shows how white text looks on a background with the Yxy color 82.3362, 0.3121, 0.3280.

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

82.3362, 0.3121, 0.3280

Protanopia

82.3955, 0.3155, 0.3280

Deuteranopia

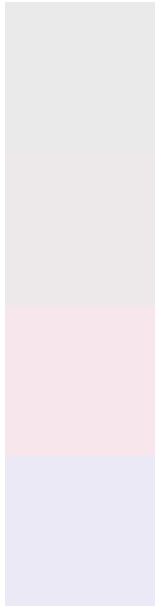
82.2543, 0.3264, 0.3202



Tritanopia

82.4482, 0.3043, 0.3108

Trichromacy



Original Color

82.3362, 0.3121, 0.3280

Protanomaly

82.2229, 0.3148, 0.3280

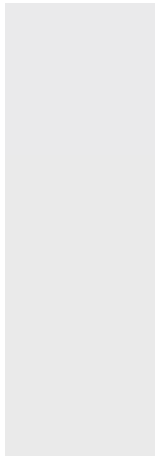
Deuteranomaly

82.4239, 0.3205, 0.3230

Tritanomaly

82.5326, 0.3066, 0.3168

Monochromacy



Original Color

82.3362, 0.3121, 0.3280

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.2786, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3362, 0.3121, 0.3280 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(234, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 235)  
}
```

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(234, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 235) }
```

Border

The CSS property to change the border of an element to Yxy 82.3362, 0.3121, 0.3280 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(234, 234, 235) }
```

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

```
.border{ border-color:rgb(234, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
235) }
```

Background

The CSS property to change the background color of an element to Yxy 82.3362, 0.3121, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 235) }
```

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

```
.background{ background-color: rgb(234,  
234, 235) }
```

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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