

Converting Colors

Yxy(58.8306, 0.3809, 0.4623)

Have a look what the booklet for
Yxy(58.8306, 0.3809, 0.4623)
contains.

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Color

Yxy(58.9435, 0.3806, 0.4631)

Conversions

Conversions Part 1

Format	Color
Hex	C6D260
RGB	198, 210, 96
RGB Percent	78%, 82%, 38%
CMY	0.2236, 0.1764, 0.6235
CMYK	0.06, 0.00, 0.54, 0.18
HSL	66°, 56%, 60%
HSV	66°, 54%, 82%
XYZ	48.4429, 58.9435, 19.8939
YIQ	193.4160, 29.4420, -37.9980

Conversions

Conversions Part 2

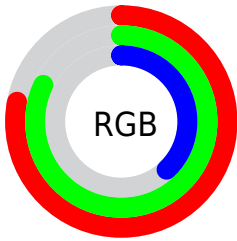
Format	Color
RYB	96, 210, 108
Decimal	13029984
CIELab	81.26, -19.83, 54.20
CIELCh	81, 57.717, 110.098
Yxy	58.9435, 0.3806, 0.4631
Android (android.graphics.Color)	4291220064 (0xFFC6D260)
YUV	193.4160, -48.0261, 4.0202
Hunter-Lab	76.7747, -21.7267, 38.3790

Details

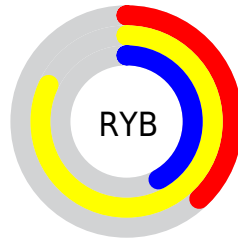
The Yxy color **58.9435, 0.3806, 0.4631** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **16.2141, 0.2175, 0.1603**, and the grayscale version is **53.8619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **29.7021, 0.3916, 0.4953** is the 20% darker color. If you saturate the color by 10%, you get **58.3105, 0.3894, 0.4828**, and if you desaturate by 10%, it is **59.6896, 0.3699, 0.4404**.

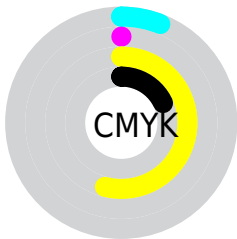
Distribution



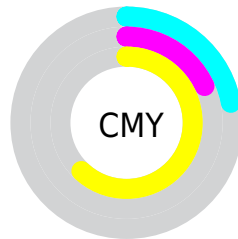
- Red (78%)
- Green (82%)
- Blue (38%)



- Red (38%)
- Yellow (82%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)
- Black (18%)




- Cyan (22%)
- Magenta (18%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9435, 0.3806, 0.4631 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 58.9435, 0.3806, 0.4631 by changing the saturation by 10% instead.

 58.9435, 0.3806,
0.4631

 58.9435, 0.3806,
0.4631

420.6925, 0.3515,
0.3985

 42.5676, 0.3860,
0.4778


 103.2955, 0.3714,
0.4406


 29.5460, 0.3918,
0.4956


 132.0405, 0.3675,
0.4318

 19.4943, 0.3976,
0.5173


 165.6773, 0.3640,
0.4243

 12.0280, 0.4020,
0.5437

 204.5903, 0.3610,
0.4177

 6.7627, 0.4114,
0.5886

249.1640, 0.3582,
0.4120

 3.3142, 0.3903,
0.6097

299.7826, 0.3558,

 1.2979, 0.3506,

0.4070

0.6494

356.8307, 0.3535,
0.4025

■ 0.1395, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9435, 0.3806,
0.4631

■ 58.9435, 0.3806,
0.4631

■ 58.3105, 0.3894,
0.4828

■ 59.6896, 0.3699,
0.4404

■ 57.7742, 0.3957,
0.4987


■ 60.5482, 0.3578,
0.4157


■ 57.3273, 0.3995,
0.5102


■ 61.5289, 0.3448,
0.3901


■ 56.9581, 0.4008,
0.5173


■ 62.6379, 0.3315,
0.3644


 56.7699, 0.4007,
0.5200

 63.8811, 0.3183,
0.3394

 65.2640, 0.3055,
0.3155

 66.7916, 0.2933,
0.2932

 67.8738, 0.2874,
0.2813

 68.2132, 0.2889,
0.2815

Harmonies

Analogous

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



58.9435, 0.4368, 0.4285



58.9435, 0.3806, 0.4631



58.9435, 0.3098, 0.4556

Triad

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



58.9435, 0.3806, 0.4631



58.9435, 0.1838, 0.2551



58.9435, 0.3777, 0.2713

Complementary

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



58.9435, 0.3806, 0.4631



16.2141, 0.2175, 0.1603

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.



58.9435, 0.3011, 0.2344



58.9435, 0.3806, 0.4631



58.9435, 0.1966, 0.2223

Square

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



58.9435, 0.3806, 0.4631



58.9435, 0.1992, 0.3175



58.9435, 0.2366, 0.2167



58.9435, 0.4394, 0.3210

Rectangle

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



58.9435, 0.3806, 0.4631



58.9435, 0.2639, 0.4208



58.9435, 0.2366, 0.2167



58.9435, 0.3523, 0.2572

Sweetspot

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



58.9462, 0.3806, 0.4631



96.8375, 0.3340, 0.3692



25.1507, 0.4639, 0.3432



20.6487, 0.3368, 0.3746



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.



58.9462, 0.3806, 0.4631



90.3368, 0.3904, 0.4854



52.6602, 0.3349, 0.4865



13.7316, 0.3250, 0.3521



34.6510, 0.4010, 0.5198



1.9561, 0.4046, 0.5170

Inverse Universe

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



16.2141, 0.2175, 0.1603



17.5166, 0.1953, 0.1236



20.9593, 0.2701, 0.1814



11.4766, 0.2998, 0.3051



2.9647, 0.1540, 0.0622



0.1865, 0.1651, 0.0683

Previews

White Background



This preview shows how the Yxy color 58.9435, 0.3806, 0.4631 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 58.9435, 0.3806, 0.4631 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 58.9435, 0.3806, 0.4631

Background



This preview shows how black text looks on a background with the Yxy color 58.9435, 0.3806, 0.4631.



This preview shows how white text looks on a background with the Yxy color 58.9435, 0.3806, 0.4631.

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

58.9435, 0.3806, 0.4631

Protanopia

58.8787, 0.4091, 0.4474

Deuteranopia

58.5953, 0.4311, 0.4216



Tritanopia

59.0411, 0.3120, 0.3118

Trichromacy



Original Color

58.9435, 0.3806, 0.4631

Protanomaly

58.9179, 0.3990, 0.4531

Deuteranomaly

58.5707, 0.4125, 0.4369

Tritanomaly

58.2652, 0.3395, 0.3675

Monochromacy



Original Color

58.9435, 0.3806, 0.4631

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.9176, 0.3401, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9435, 0.3806, 0.4631 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(198, 210, 96)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 96)  
}
```

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(198, 210, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 96) }
```

Border

The CSS property to change the border of an element to Yxy 58.9435, 0.3806, 0.4631 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(198, 210, 96) }
```

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

```
.border{ border-color:rgb(198, 210, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 96);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9435, 0.3806, 0.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 96) }
```

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

```
.background{ background-color: rgb(198,  
210, 96) }
```

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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