

Converting Colors

Yxy(56.0033, 0.4161, 0.5012)

Have a look what the booklet for
Yxy(56.0033, 0.4161, 0.5012)
contains.

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Color

Yxy(55.9482, 0.4158, 0.5015)

Conversions

Conversions Part 1

Format	Color
Hex	CBCC18
RGB	203, 204, 24
RGB Percent	80%, 80%, 9%
CMY	0.2039, 0.2000, 0.9053
CMYK	0.00, 0.00, 0.88, 0.20
HSL	60°, 79%, 45%
HSV	60°, 88%, 80%
XYZ	46.3874, 55.9482, 9.2262
YIQ	183.1810, 57.1840, -56.1920

Conversions

Conversions Part 2

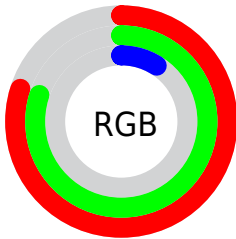
Format	Color
RYB	24, 204, 25
Decimal	13356056
CIELab	79.58, -18.34, 76.96
CIELCh	80, 79.111, 103.404
Yxy	55.9482, 0.4158, 0.5015
Android (android.graphics.Color)	4291546136 (0xFFCBCC18)
YUV	183.1810, -78.4762, 17.3813
Hunter-Lab	74.7985, -20.1981, 45.0457

Details

The Yxy color **55.9482, 0.4158, 0.5015** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **5.2283, 0.1564, 0.0703**, and the grayscale version is **47.8852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5527, 0.4017, 0.4761**, and **27.7420, 0.4125, 0.5107** is the 20% darker color. If you saturate the color by 10%, you get **55.8764, 0.4180, 0.5055**, and if you desaturate by 10%, it is **56.0863, 0.4112, 0.4937**.

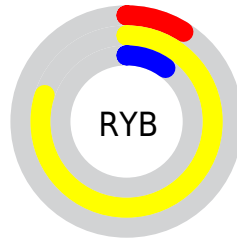
Distribution



Red (80%)

Green (80%)

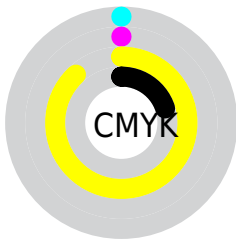
Blue (9%)



Red (9%)

Yellow (80%)

Blue (10%)

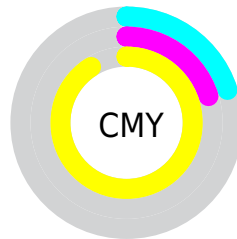


Cyan (0%)

Magenta (0%)

Yellow (88%)

Black (20%)



Cyan (20%)


Magenta (20%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9482, 0.4158, 0.5015 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 55.9482, 0.4158, 0.5015 by changing the saturation by 10% instead.

 55.9482, 0.4158,
0.5015


 55.9482, 0.4158,
0.5015


409.4963, 0.3751,
0.4231


 40.1614, 0.4215,
0.5168


 98.9288, 0.4042,
0.4759

 27.6644, 0.4264,
0.5337


 126.8915, 0.3989,
0.4654


 18.0728, 0.4294,
0.5524


 159.6815, 0.3940,
0.4561

 11.0023, 0.4281,
0.5719

 197.6833, 0.3895,
0.4479

 6.0684, 0.4147,
0.5853

 241.2813, 0.3854,
0.4406

 2.8867, 0.3935,
0.6065

 290.8598, 0.3816,

 1.0729, 0.3433,

0.4341

0.6567

346.8034, 0.3782,
0.4283

■ 0.0000, 0.0000,
0.0000

■ 55.9482, 0.4158,
0.5015

■ 55.9482, 0.4158,
0.5015

■ 55.8764, 0.4180,
0.5055

■ 56.0863, 0.4112,
0.4937

■ 55.8653, 0.4183,
0.5060

■ 56.2974, 0.4041,
0.4816

■ 56.5939, 0.3944,
0.4653

■ 56.9840, 0.3826,
0.4455

■ 57.4749, 0.3691,
0.4230

■ 58.0733, 0.3546,
0.3988

■ 58.7852, 0.3396,
0.3738

■ 59.6160, 0.3246,
0.3488

■ 60.5712, 0.3101,
0.3246

Harmonies

Analogous

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



55.9482, 0.4878, 0.4373



55.9482, 0.4158, 0.5015



55.9482, 0.3234, 0.5202

Triad

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



55.9482, 0.4158, 0.5015



55.9482, 0.1454, 0.2400



55.9482, 0.3776, 0.2393

Complementary

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



55.9482, 0.4158, 0.5015



5.2283, 0.1564, 0.0703

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.



55.9482, 0.2730, 0.1980



55.9482, 0.4158, 0.5015



55.9482, 0.1546, 0.1926

Square

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



55.9482, 0.4158, 0.5015



55.9482, 0.1701, 0.3327



55.9482, 0.1962, 0.1811



55.9482, 0.4738, 0.2982

Rectangle

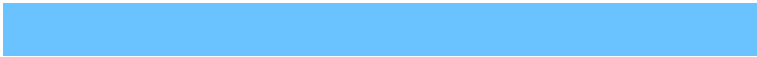
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9482, 0.4158, 0.5015



55.9482, 0.2613, 0.4838



55.9482, 0.1962, 0.1811



55.9482, 0.3412, 0.2231

Sweetspot

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



55.9508, 0.4158, 0.5015



96.3708, 0.3519, 0.3943



13.5643, 0.6178, 0.3299



20.5459, 0.3571, 0.4030



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.



55.9508, 0.4158, 0.5015



92.5104, 0.4183, 0.5060



46.8373, 0.3420, 0.5579



13.0934, 0.3265, 0.3519



35.1620, 0.4184, 0.5060



1.8150, 0.4186, 0.5059

Inverse Universe

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



5.2283, 0.1564, 0.0703



7.2292, 0.1501, 0.0601



8.6023, 0.2149, 0.1017



10.8470, 0.2983, 0.3050



2.7500, 0.1502, 0.0601



0.1429, 0.1509, 0.0605

Previews

White Background



This preview shows how the Yxy color 55.9482, 0.4158, 0.5015 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 55.9482, 0.4158, 0.5015 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 55.9482, 0.4158, 0.5015

Background



This preview shows how black text looks on a background with the Yxy color 55.9482, 0.4158, 0.5015.



This preview shows how white text looks on a background with the Yxy color 55.9482, 0.4158, 0.5015.

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

55.9482, 0.4158, 0.5015

Protanopia

55.9757, 0.4375, 0.4853

Deuteranopia

55.6370, 0.4657, 0.4559



Tritanopia

55.8336, 0.3225, 0.3118

Trichromacy



Original Color

55.9482, 0.4158, 0.5015

Protanomaly

55.8175, 0.4296, 0.4911

Deuteranomaly

55.4055, 0.4483, 0.4720

Tritanomaly

54.7432, 0.3696, 0.3964

Monochromacy



Original Color

55.9482, 0.4158, 0.5015

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.6894, 0.3632, 0.4142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9482, 0.4158, 0.5015 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(203, 204, 24)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 24)  
}
```

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(203, 204, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 24) }
```

Border

The CSS property to change the border of an element to Yxy 55.9482, 0.4158, 0.5015 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(203, 204, 24) }
```

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

```
.border{ border-color:rgb(203, 204, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 24);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9482, 0.4158, 0.5015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 24) }
```

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

```
.background{ background-color: rgb(203,  
204, 24) }
```

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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