

Converting Colors

Yxy(54.9904, 0.4194, 0.5038)

Have a look what the booklet for
Yxy(54.9904, 0.4194, 0.5038)
contains.

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Color

Yxy(54.9507, 0.4196, 0.5037)

Conversions

Conversions Part 1

Format	Color
Hex	CBCA06
RGB	203, 202, 6
RGB Percent	80%, 79%, 2%
CMY	0.2040, 0.2078, 0.9762
CMYK	0.00, 0.00, 0.97, 0.20
HSL	60°, 94%, 41%
HSV	60°, 97%, 80%
XYZ	45.7759, 54.9507, 8.3675
YIQ	179.9550, 63.5120, -60.7440

Conversions

Conversions Part 2

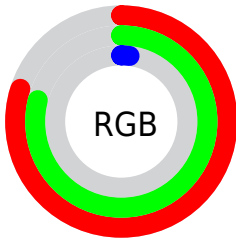
Format	Color
RYB	7, 203, 6
Decimal	13355526
CIELab	79.01, -17.61, 78.78
CIELCh	79, 80.729, 102.602
Yxy	54.9507, 0.4196, 0.5037
Android (android.graphics.Color)	4291545606 (0xFFCBCA06)
YUV	179.9550, -85.7598, 20.2105
Hunter-Lab	74.1287, -19.4982, 45.1976

Details

The Yxy color **54.9507, 0.4196, 0.5037** 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 **4.5019, 0.1514, 0.0624**, and the grayscale version is **46.0638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4519, 0.4038, 0.4797**, and **27.1091, 0.4147, 0.5089** is the 20% darker color. If you saturate the color by 10%, you get **54.9262, 0.4202, 0.5046**, and if you desaturate by 10%, it is **55.0623, 0.4169, 0.4995**.

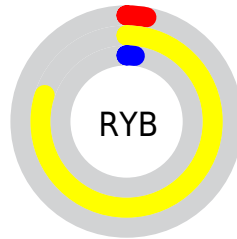
Distribution



Red (80%)

Green (79%)

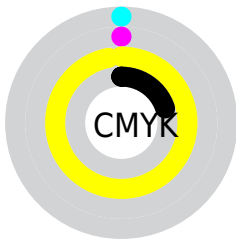
Blue (2%)



Red (3%)

Yellow (80%)

Blue (2%)

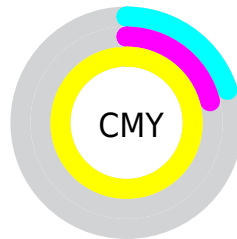


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (20%)



Cyan (20%)


Magenta (21%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9507, 0.4196, 0.5037 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 54.9507, 0.4196, 0.5037 by changing the saturation by 10% instead.


 54.9507, 0.4196,
0.5037


 54.9507, 0.4196,
0.5037


405.7250, 0.3776,
0.4248


 39.3623, 0.4253,
0.5188

 97.4687, 0.4078,
0.4782


 27.0417, 0.4300,
0.5352


 125.1671, 0.4023,
0.4676

 17.6045, 0.4334,
0.5540


 157.6709, 0.3972,
0.4583

 10.6664, 0.4299,
0.5701

 195.3645, 0.3926,
0.4500

 5.8430, 0.4167,
0.5833

 238.6323, 0.3883,
0.4426

 2.7498, 0.3958,
0.6042

 287.8587, 0.3844,

 1.0026, 0.3408,

0.4361

0.6592

343.4282, 0.3809,
0.4302

■ 0.0000, 0.0000,
0.0000

■ 54.9507, 0.4196,
0.5037

■ 54.9507, 0.4196,
0.5037

■ 54.9262, 0.4202,
0.5046

■ 55.0623, 0.4169,
0.4995

■ 55.2348, 0.4119,
0.4914

■ 55.4833, 0.4042,
0.4789

■ 55.8170, 0.3940,
0.4624

■ 56.2442, 0.3818,
0.4424

■ 56.7718, 0.3680,
0.4198

■ 57.4064, 0.3532,
0.3956

■ 58.1537, 0.3381,
0.3707

■ 59.0192, 0.3230,
0.3459

Harmonies

Analogous

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



54.9507, 0.4927, 0.4366



54.9507, 0.4196, 0.5037



54.9507, 0.3255, 0.5262

Triad

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



54.9507, 0.4196, 0.5037



54.9507, 0.1422, 0.2394



54.9507, 0.3761, 0.2359

Complementary

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



54.9507, 0.4196, 0.5037



4.5019, 0.1514, 0.0624

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.



54.9507, 0.2693, 0.1946



54.9507, 0.4196, 0.5037



54.9507, 0.1508, 0.1904

Square

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



54.9507, 0.4196, 0.5037



54.9507, 0.1680, 0.3356



54.9507, 0.1921, 0.1781



54.9507, 0.4760, 0.2954

Rectangle

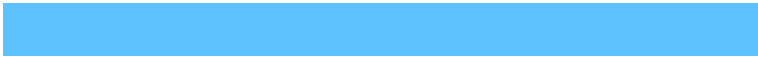
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9507, 0.4196, 0.5037



54.9507, 0.2620, 0.4909



54.9507, 0.1921, 0.1781



54.9507, 0.3387, 0.2197

Sweetspot

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



54.9533, 0.4196, 0.5037



95.8900, 0.3568, 0.4014



12.8443, 0.6339, 0.3291



20.4253, 0.3632, 0.4119



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.



54.9533, 0.4196, 0.5037



91.9948, 0.4202, 0.5046



45.8857, 0.3400, 0.5664



13.0870, 0.3266, 0.3518



34.9713, 0.4202, 0.5046



1.8072, 0.4200, 0.5047

Inverse Universe

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



4.5019, 0.1514, 0.0624



7.2468, 0.1501, 0.0602



7.2225, 0.2017, 0.0897



10.8526, 0.2982, 0.3051



2.7614, 0.1501, 0.0603



0.1456, 0.1504, 0.0615

Previews

White Background



This preview shows how the Yxy color 54.9507, 0.4196, 0.5037 looks on a white background.

Color Contrast Check

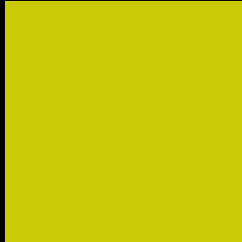
Large Text (above 18pt) WCAG AA × Fail

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 54.9507, 0.4196, 0.5037 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 54.9507, 0.4196, 0.5037

Background



This preview shows how black text looks on a background with the Yxy color 54.9507, 0.4196, 0.5037.



This preview shows how white text looks on a background with the Yxy color 54.9507, 0.4196, 0.5037.

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

54.9507, 0.4196, 0.5037

Protanopia

54.8520, 0.4410, 0.4881

Deuteranopia

54.5710, 0.4686, 0.4570



Tritanopia

54.8296, 0.3250, 0.3129

Trichromacy



Original Color

54.9507, 0.4196, 0.5037

Protanomaly

54.6887, 0.4330, 0.4940

Deuteranomaly

54.3085, 0.4516, 0.4741

Tritanomaly

53.6275, 0.3766, 0.4037

Monochromacy



Original Color

54.9507, 0.4196, 0.5037

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.9422, 0.3686, 0.4215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9507, 0.4196, 0.5037 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, 202, 6)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 6)  
}
```

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, 202, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 6) }
```

Border

The CSS property to change the border of an element to Yxy 54.9507, 0.4196, 0.5037 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, 202, 6) }
```

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

```
.border{ border-color:rgb(203, 202, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 6);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9507, 0.4196, 0.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 6) }
```

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

```
.background{ background-color: rgb(203,  
202, 6) }
```

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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