

Converting Colors

Yxy(54.3139, 0.4811, 0.4515)

Have a look what the booklet for
Yxy(54.3139, 0.4811, 0.4515)
contains.

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Color

Yxy(54.3583, 0.4810, 0.4517)

Conversions

Conversions Part 1

Format	Color
Hex	FFB514
RGB	255, 181, 20
RGB Percent	100%, 71%, 8%
CMY	0.0001, 0.2901, 0.9219
CMYK	0.00, 0.29, 0.92, 0.00
HSL	41°, 100%, 54%
HSV	41°, 92%, 100%
XYZ	57.8843, 54.3583, 8.0990
YIQ	184.7720, 95.7850, -34.3830

Conversions

Conversions Part 2

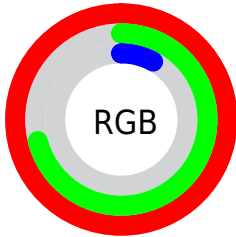
Format	Color
R _Y B	128, 255, 20
Decimal	16758036
CIE Lab	78.67, 15.75, 79.11
CIE LCh	79, 80.667, 78.737
Yxy	54.3583, 0.4810, 0.4517
Android (android.graphics.Color)	4294948116 (0xFFFFB514)
YUV	184.7720, -81.2326, 61.5900
Hunter-Lab	73.7281, 11.1172, 45.0967

Details

The Yxy color **54.3583, 0.4810, 0.4517** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **15.3516, 0.1665, 0.1145**, and the grayscale version is **48.7994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5496, 0.4134, 0.4653**, and **26.6448, 0.4935, 0.4464** is the 20% darker color. If you saturate the color by 10%, you get **51.8182, 0.4899, 0.4492**, and if you desaturate by 10%, it is **57.8613, 0.4670, 0.4509**.

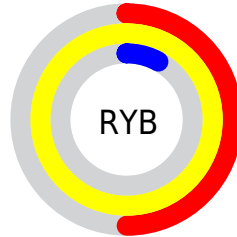
Distribution



Red (100%)

Green (71%)

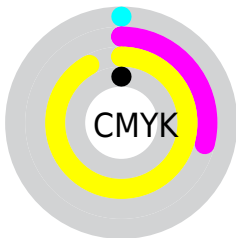
Blue (8%)



Red (50%)

Yellow (100%)

Blue (8%)

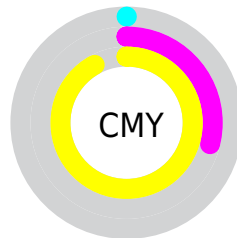


Cyan (0%)

Magenta (29%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3583, 0.4810, 0.4517 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 54.3583, 0.4810, 0.4517 by changing the saturation by 10% instead.


 54.3583, 0.4810,
0.4517


 54.3583, 0.4810,
0.4517


403.4748, 0.4081,
0.4048

 38.8882, 0.4941,
0.4580


 96.6001, 0.4582,
0.4387


 26.6728, 0.5080,
0.4631

 124.1406, 0.4485,
0.4327


 17.3276, 0.5237,
0.4672


 156.4734, 0.4398,
0.4270

 10.4683, 0.5358,
0.4642

 193.9828, 0.4320,
0.4218

 5.7106, 0.5462,
0.4538

 237.0533, 0.4251,
0.4170

 2.6699, 0.5622,
0.4378

 286.0692, 0.4188,

 0.9619, 0.5899,

0.4126

341.4149, 0.4132,
0.4085

0.4101

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3583, 0.4810,
0.4517

■ 54.3583, 0.4810,
0.4517

■ 51.8182, 0.4899,
0.4492

■ 57.8613, 0.4670,
0.4509

■ 61.6713, 0.4499,
0.4450

■ 65.8124, 0.4306,
0.4345

■ 70.3029, 0.4100,
0.4205

■ 75.1588, 0.3893,
0.4040

■ 80.3948, 0.3690,
0.3862

■ 86.0244, 0.3499,
0.3679

■ 92.0602, 0.3322,
0.3500

■ 98.5140, 0.3160,
0.3327

Harmonies

Analogous

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



54.3583, 0.5194, 0.3783



54.3583, 0.4810, 0.4517



54.3583, 0.4015, 0.5142

Triad

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



54.3583, 0.4810, 0.4517



54.3583, 0.1593, 0.3121



54.3583, 0.2893, 0.2009

Complementary

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



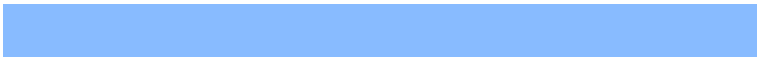
54.3583, 0.4810, 0.4517



15.3516, 0.1665, 0.1145

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.



54.3583, 0.2046, 0.1790



54.3583, 0.4810, 0.4517



54.3583, 0.1410, 0.2255

Square

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



54.3583, 0.4810, 0.4517



54.3583, 0.2164, 0.4346



54.3583, 0.1562, 0.1849



54.3583, 0.3991, 0.2467

Rectangle

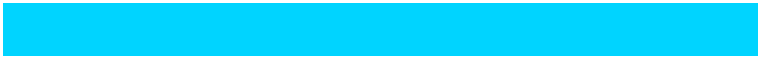
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3583, 0.4810, 0.4517



54.3583, 0.3380, 0.5285



54.3583, 0.1562, 0.1849



54.3583, 0.2572, 0.1907

Sweetspot

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



54.3610, 0.4810, 0.4517



82.7179, 0.3609, 0.3785



22.5683, 0.5521, 0.2863



17.1959, 0.3693, 0.3864



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.



54.3610, 0.4810, 0.4517



51.8274, 0.4899, 0.4492



85.5376, 0.3880, 0.5268



20.0699, 0.3277, 0.3452



27.3606, 0.4885, 0.4504



2.8600, 0.4786, 0.4582

Inverse Universe

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



15.3516, 0.1665, 0.1145



12.9922, 0.1611, 0.1000



8.7736, 0.1636, 0.0706



18.3103, 0.2979, 0.3122



7.0231, 0.1619, 0.1028



0.8697, 0.1681, 0.1250

Previews

White Background



This preview shows how the Yxy color 54.3583, 0.4810, 0.4517 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 54.3583, 0.4810, 0.4517 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 54.3583, 0.4810, 0.4517

Background



This preview shows how black text looks on a background with the Yxy color 54.3583, 0.4810, 0.4517.



This preview shows how white text looks on a background with the Yxy color 54.3583, 0.4810, 0.4517.

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

54.3583, 0.4810, 0.4517

Protanopia

54.7657, 0.4371, 0.4843

Deuteranopia

54.5038, 0.4716, 0.4608



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.3583, 0.4810, 0.4517

Protanomaly

54.6471, 0.4531, 0.4726

Deuteranomaly

54.6424, 0.4747, 0.4578

Tritanomaly

53.3752, 0.4307, 0.3818

Monochromacy



Original Color

54.3583, 0.4810, 0.4517

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4633, 0.3845, 0.4011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3583, 0.4810, 0.4517 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(255, 181, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 20)  
}
```

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(255, 181, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 20) }
```

Border

The CSS property to change the border of an element to Yxy 54.3583, 0.4810, 0.4517 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(255, 181, 20) }
```

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

```
.border{ border-color:rgb(255, 181, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3583, 0.4810, 0.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 20) }
```

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

```
.background{ background-color: rgb(255,  
181, 20) }
```

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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