

Converting Colors

Yxy(54.2646, 0.4819, 0.4523)

Have a look what the booklet for
Yxy(54.2646, 0.4819, 0.4523)
contains.

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Color

Yxy(54.3422, 0.4817, 0.4525)

Conversions

Conversions Part 1

Format	Color
Hex	FFB50F
RGB	255, 181, 15
RGB Percent	100%, 71%, 6%
CMY	0.0000, 0.2902, 0.9401
CMYK	0.00, 0.29, 0.94, 0.00
HSL	41°, 100%, 53%
HSV	41°, 94%, 100%
XYZ	57.8489, 54.3422, 7.9021
YIQ	184.2020, 97.3900, -35.9380

Conversions

Conversions Part 2

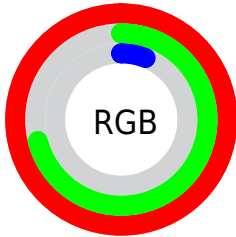
Format	Color
R _Y B	122, 255, 15
Decimal	16758031
CIE Lab	78.66, 15.71, 79.78
CIE LCh	79, 81.316, 78.861
Yxy	54.3422, 0.4817, 0.4525
Android (android.graphics.Color)	4294948111 (0xFFFFB50F)
YUV	184.2020, -83.4166, 62.0898
Hunter-Lab	73.7172, 11.0713, 45.2464

Details

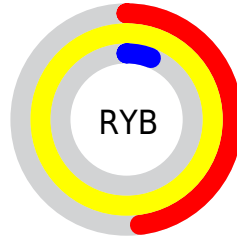
The Yxy color **54.3422, 0.4817, 0.4525** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **14.5117, 0.1647, 0.1094**, and the grayscale version is **48.4995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5165, 0.4142, 0.4666**, and **26.6448, 0.4935, 0.4464** is the 20% darker color. If you saturate the color by 10%, you get **52.4237, 0.4883, 0.4505**, and if you desaturate by 10%, it is **57.7598, 0.4685, 0.4525**.

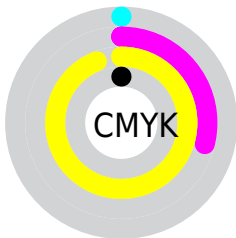
Distribution



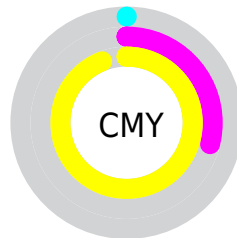
- Red (100%)
- Green (71%)
- Blue (6%)



- Red (48%)
- Yellow (100%)
- Blue (6%)



- Cyan (0%)
- Magenta (29%)
- Yellow (94%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3422, 0.4817, 0.4525 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 54.3422, 0.4817, 0.4525 by changing the saturation by 10% instead.

 54.3422, 0.4817,
0.4525


 54.3422, 0.4817,
0.4525


403.4136, 0.4087,
0.4055


 38.8753, 0.4947,
0.4587


 96.5765, 0.4589,
0.4396


 26.6627, 0.5085,
0.4637


 124.1127, 0.4492,
0.4335


 17.3201, 0.5243,
0.4679


 156.4408, 0.4405,
0.4278

 10.4630, 0.5356,
0.4644

 193.9452, 0.4327,
0.4225

 5.7070, 0.5460,
0.4540

 237.0103, 0.4258,
0.4177

 2.6677, 0.5620,
0.4380

 286.0204, 0.4195,

 0.9608, 0.5897,

0.4133

0.4103

341.3601, 0.4138,
0.4092

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3422, 0.4817,
0.4525

■ 54.3422, 0.4817,
0.4525


■ 52.4237, 0.4883,
0.4505

■ 57.7598, 0.4685,
0.4525


■ 61.4732, 0.4522,
0.4474


■ 65.5072, 0.4335,
0.4376

■ 69.8803, 0.4133,
0.4240

 74.6088, 0.3927,
0.4077

 79.7074, 0.3725,
0.3900

 85.1897, 0.3532,
0.3716

 91.0681, 0.3353,
0.3534

 97.3546, 0.3189,
0.3358

Harmonies

Analogous

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



54.3422, 0.5208, 0.3786



54.3422, 0.4817, 0.4525



54.3422, 0.4014, 0.5157

Triad

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



54.3422, 0.4817, 0.4525



54.3422, 0.1581, 0.3113



54.3422, 0.2895, 0.2002

Complementary

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



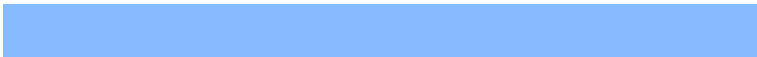
54.3422, 0.4817, 0.4525



14.5117, 0.1647, 0.1094

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.



54.3422, 0.2041, 0.1781



54.3422, 0.4817, 0.4525



54.3422, 0.1399, 0.2244

Square

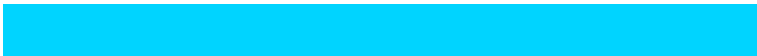
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.3422, 0.4817, 0.4525



54.3422, 0.2153, 0.4351



54.3422, 0.1554, 0.1839



54.3422, 0.4002, 0.2464

Rectangle

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



54.3422, 0.4817, 0.4525



54.3422, 0.3375, 0.5301



54.3422, 0.1554, 0.1839



54.3422, 0.2571, 0.1899

Sweetspot

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



54.3449, 0.4817, 0.4525



82.9615, 0.3608, 0.3790



22.3663, 0.5577, 0.2880



17.2549, 0.3691, 0.3869



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.



54.3449, 0.4817, 0.4525



52.4287, 0.4883, 0.4505



85.4037, 0.3877, 0.5279



20.0891, 0.3277, 0.3454



27.6725, 0.4869, 0.4516



2.8886, 0.4772, 0.4593

Inverse Universe

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



14.5117, 0.1647, 0.1094



12.7687, 0.1607, 0.0985



8.5058, 0.1620, 0.0687



18.2921, 0.2979, 0.3121



6.9031, 0.1615, 0.1014



0.8562, 0.1676, 0.1234

Previews

White Background



This preview shows how the Yxy color 54.3422, 0.4817, 0.4525 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 54.3422, 0.4817, 0.4525 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 54.3422, 0.4817, 0.4525

Background



This preview shows how black text looks on a background with the Yxy color 54.3422, 0.4817, 0.4525.



This preview shows how white text looks on a background with the Yxy color 54.3422, 0.4817, 0.4525.

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

54.3422, 0.4817, 0.4525

Protanopia

54.7534, 0.4376, 0.4851

Deuteranopia

54.4787, 0.4728, 0.4622



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.3422, 0.4817, 0.4525

Protanomaly

54.6357, 0.4536, 0.4733

Deuteranomaly

54.6203, 0.4757, 0.4591

Tritanomaly

53.3251, 0.4324, 0.3838

Monochromacy



Original Color

54.3422, 0.4817, 0.4525

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9987, 0.3866, 0.4023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3422, 0.4817, 0.4525 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, 15)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 15) }
```

Border

The CSS property to change the border of an element to Yxy 54.3422, 0.4817, 0.4525 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, 15) }
```

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

```
.border{ border-color:rgb(255, 181, 15) }
```

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, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 15);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3422, 0.4817, 0.4525 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, 15) }
```

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

```
.background{ background-color: rgb(255,  
181, 15) }
```

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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