

Converting Colors

$Y_{xy}(24.4198, 0.5281, 0.4132)$

Have a look what the booklet for
Yxy(24.4198, 0.5281, 0.4132)
contains.

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Color

Yxy(24.3054, 0.5283, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	CE6E0E
RGB	206, 110, 14
RGB Percent	81%, 43%, 5%
CMY	0.1922, 0.5686, 0.9450
CMYK	0.00, 0.47, 0.93, 0.19
HSL	30°, 87%, 43%
HSV	30°, 93%, 81%
XYZ	31.1060, 24.3054, 3.4680
YIQ	127.7600, 88.0320, -9.5040

Conversions

Conversions Part 2

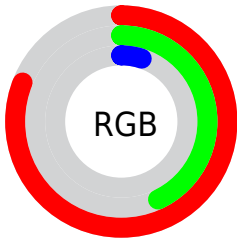
Format	Color
R _Y B	206, 206, 14
Decimal	13528590
CIE Lab	56.39, 32.53, 61.42
CIE LCh	56, 69.500, 62.092
Yxy	24.3054, 0.5283, 0.4128
Android (android.graphics.Color)	4291718670 (0xFFCE6E0E)
YUV	127.7600, -56.0837, 68.6165
Hunter-Lab	49.3005, 26.3480, 30.3397

Details

The Yxy color **24.3054, 0.5283, 0.4128** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **15.6990, 0.1814, 0.1686**, and the grayscale version is **21.6764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9223, 0.4790, 0.4135**, and **9.2515, 0.5626, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **22.8213, 0.5418, 0.4080**, and if you desaturate by 10%, it is **26.7473, 0.5058, 0.4162**.

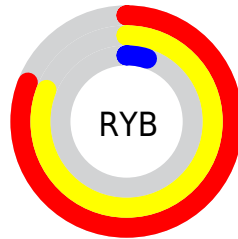
Distribution



Red (81%)

Green (43%)

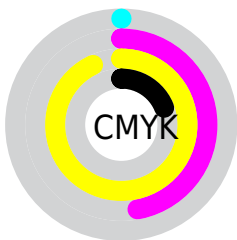
Blue (5%)



Red (81%)

Yellow (81%)

Blue (5%)

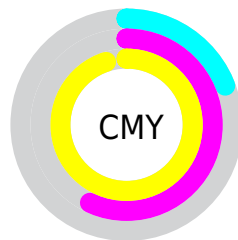


Cyan (0%)

Magenta (47%)

Yellow (93%)

Black (19%)



Cyan (19%)


Magenta (57%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3054, 0.5283, 0.4128 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 24.3054, 0.5283, 0.4128 by changing the saturation by 10% instead.


 24.3054, 0.5283,
0.4128

 24.3054, 0.5283,
0.4128


274.3609, 0.4178,
0.3835


 15.5603, 0.5521,
0.4124


 50.5281, 0.4899,
0.4072

 9.2136, 0.5849,
0.4110

 68.7745, 0.4747,
0.4035


 4.8807, 0.6084,
0.3916

 90.9569, 0.4616,
0.3997

 2.1775, 0.6405,
0.3595

 117.4595, 0.4504,
0.3960

 0.7077, 0.6978,
0.3022

 148.6668, 0.4406,
0.3925

 0.0000, 1.0000,
0.0000

 184.9632, 0.4320,

 0.0000, 0.0000,

0.3893

0.0000

226.7331, 0.4245,
0.3863

24.3054, 0.5283,
0.4128

24.3054, 0.5283,
0.4128

22.8213, 0.5418,
0.4080

26.7473, 0.5058,
0.4162

29.5261, 0.4800,
0.4143

32.6620, 0.4526,
0.4077

36.1720, 0.4252,
0.3977

40.0711, 0.3992,
0.3855

■ 44.3737, 0.3752,
0.3723

■ 49.0930, 0.3536,
0.3587

■ 54.2415, 0.3344,
0.3455

■ 59.8312, 0.3176,
0.3329

Harmonies

Analogous

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



24.3054, 0.5363, 0.3360



24.3054, 0.5283, 0.4128



24.3054, 0.4586, 0.4944

Triad

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



24.3054, 0.5283, 0.4128



24.3054, 0.1716, 0.3841



24.3054, 0.2292, 0.1724

Complementary

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



24.3054, 0.5283, 0.4128



15.6990, 0.1814, 0.1686

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.



24.3054, 0.1602, 0.1645



24.3054, 0.5283, 0.4128



24.3054, 0.1309, 0.2579

Square

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



24.3054, 0.5283, 0.4128



24.3054, 0.2548, 0.5174



24.3054, 0.1289, 0.1887



24.3054, 0.3387, 0.2079

Rectangle

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



24.3054, 0.5283, 0.4128



24.3054, 0.3942, 0.5392



24.3054, 0.1289, 0.1887



24.3054, 0.2015, 0.1666

Sweetspot

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



24.3067, 0.5283, 0.4128



75.5260, 0.3644, 0.3657



14.5602, 0.4813, 0.2466



15.4656, 0.3741, 0.3716



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.



24.3067, 0.5283, 0.4128



36.5725, 0.5436, 0.4066



57.2869, 0.4181, 0.5032



12.1250, 0.3278, 0.3406



14.2490, 0.5395, 0.4098



0.8869, 0.5099, 0.4333

Inverse Universe

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



15.6990, 0.1814, 0.1686



22.5240, 0.1763, 0.1545



4.8637, 0.1529, 0.0648



11.7551, 0.2983, 0.3171



8.9098, 0.1775, 0.1591



0.6115, 0.1874, 0.1946

Previews

White Background



This preview shows how the Yxy color 24.3054, 0.5283, 0.4128 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3054, 0.5283, 0.4128 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.3054, 0.5283, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 24.3054, 0.5283, 0.4128.



This preview shows how white text looks on a background with the Yxy color 24.3054, 0.5283, 0.4128.

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

24.3054, 0.5283, 0.4128

Protanopia

24.4386, 0.4344, 0.4807

Deuteranopia

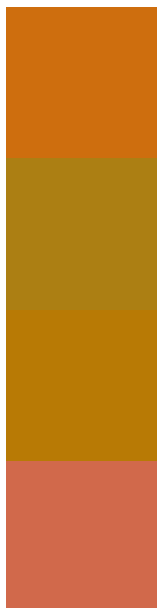
24.4712, 0.4714, 0.4639



Tritanopia

24.3302, 0.4485, 0.3196

Trichromacy



Original Color

24.3054, 0.5283, 0.4128

Protanomaly

23.9964, 0.4694, 0.4557

Deuteranomaly

24.1204, 0.4930, 0.4445

Tritanomaly

24.1665, 0.4913, 0.3640

Monochromacy



Original Color

24.3054, 0.5283, 0.4128

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.4308, 0.3999, 0.3849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3054, 0.5283, 0.4128 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(206, 110, 14)` looks like.

```
.text, #text, p{  
    color:rgb(206, 110, 14)  
}
```

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(206, 110, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 110, 14) }
```

Border

The CSS property to change the border of an element to Yxy 24.3054, 0.5283, 0.4128 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(206, 110, 14) }
```

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

```
.border{ border-color:rgb(206, 110, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 110, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 110, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 110, 14);  
box-shadow:4px 4px 4px 4px rgb(206, 110,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3054, 0.5283, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 110, 14) }
```

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

```
.background{ background-color: rgb(206,  
110, 14) }
```

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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