

Converting Colors

$Y_{xy}(26.0310, 0.5390, 0.4102)$

Have a look what the booklet for
Yxy(26.0310, 0.5390, 0.4102)
contains.

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Color

Yxy(26.1206, 0.5388, 0.4104)

Conversions

Conversions Part 1

Format	Color
Hex	D96F00
RGB	217, 111, 0
RGB Percent	85%, 44%, 0%
CMY	0.1491, 0.5646, 1.0000
CMYK	0.00, 0.49, 1.00, 0.15
HSL	31°, 100%, 43%
HSV	31°, 100%, 85%
XYZ	34.2928, 26.1206, 3.2333
YIQ	130.0400, 98.8070, -12.0490

Conversions

Conversions Part 2

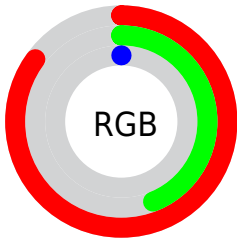
Format	Color
R_{YB}	207, 217, 0
Decimal	14249728
CIE _{Lab}	58.15, 36.33, 65.91
CIE _{LCh}	58, 75.265, 61.135
Yxy	26.1206, 0.5388, 0.4104
Android (android.graphics.Color)	4292439808 (0xFFD96F00)
YUV	130.0400, -64.1097, 76.2639
Hunter-Lab	51.1083, 30.3310, 32.0250

Details

The Yxy color **26.1206, 0.5388, 0.4104** 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 **15.3038, 0.1756, 0.1521**, and the grayscale version is **22.5457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2162, 0.4810, 0.4177**, and **10.3060, 0.5692, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **26.1221, 0.5388, 0.4104**, and if you desaturate by 10%, it is **28.6303, 0.5192, 0.4169**.

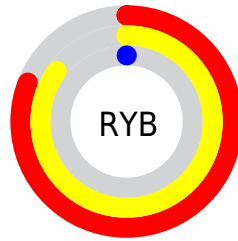
Distribution



Red (85%)

Green (44%)

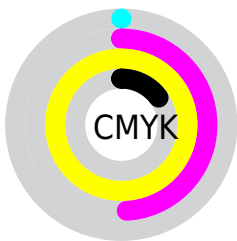
Blue (0%)



Red (81%)

Yellow (85%)

Blue (0%)

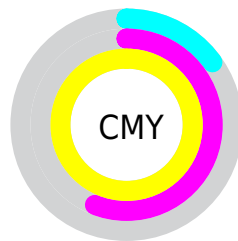


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1206, 0.5388, 0.4104 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 26.1206, 0.5388, 0.4104 by changing the saturation by 10% instead.


 26.1206, 0.5388,
0.4104


 26.1206, 0.5388,
0.4104


283.3736, 0.4255,
0.3852


 16.9139, 0.5622,
0.4084


 53.4694, 0.5002,
0.4069

 10.1731, 0.5947,
0.4053


 72.3804, 0.4847,
0.4038


 5.5139, 0.6162,
0.3838

 95.2948, 0.4713,
0.4004

 2.5518, 0.6482,
0.3518

 122.5971, 0.4596,
0.3971

 0.9025, 0.7000,
0.3000

 154.6718, 0.4494,
0.3938

 0.0000, 1.0000,
0.0000


 191.9032, 0.4404,


 0.0000, 0.0000,


0.3908


0.0000


 234.6756, 0.4325,
0.3879

 26.1206, 0.5388,
0.4104


 26.1206, 0.5388,
0.4104


 26.1221, 0.5388,
0.4104

 28.6303, 0.5192,
0.4169

 31.4856, 0.4961,
0.4184

 34.7178, 0.4701,
0.4147

 38.3468, 0.4430,
0.4067

 42.3905, 0.4163,
0.3956

■ 46.8652, 0.3911,
0.3827

■ 51.7861, 0.3680,
0.3689

■ 57.1674, 0.3472,
0.3551

■ 63.0227, 0.3288,
0.3417

Harmonies

Analogous

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



26.1206, 0.5468, 0.3316



26.1206, 0.5388, 0.4104



26.1206, 0.4656, 0.4968

Triad

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



26.1206, 0.5388, 0.4104



26.1206, 0.1664, 0.3918



26.1206, 0.2219, 0.1654

Complementary

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



26.1206, 0.5388, 0.4104



15.3038, 0.1756, 0.1521

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.



26.1206, 0.1523, 0.1580



26.1206, 0.5388, 0.4104



26.1206, 0.1240, 0.2564

Square

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



26.1206, 0.5388, 0.4104



26.1206, 0.2536, 0.5334



26.1206, 0.1214, 0.1834



26.1206, 0.3354, 0.2010

Rectangle

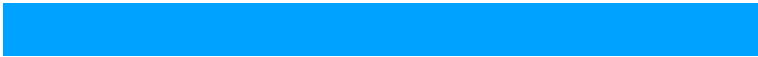
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.1206, 0.5388, 0.4104



26.1206, 0.3984, 0.5470



26.1206, 0.1214, 0.1834



26.1206, 0.1938, 0.1597

Sweetspot

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



26.1221, 0.5388, 0.4104



74.4545, 0.3686, 0.3693



15.8400, 0.4982, 0.2518



15.2748, 0.3782, 0.3752



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.



26.1221, 0.5388, 0.4104



37.3560, 0.5401, 0.4094



64.3565, 0.4193, 0.5053



14.1478, 0.3279, 0.3410



16.0304, 0.5366, 0.4121



1.2109, 0.5124, 0.4314

Inverse Universe

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



15.3038, 0.1756, 0.1521



21.7634, 0.1752, 0.1506



5.0081, 0.1500, 0.0600



13.6616, 0.2982, 0.3167



9.4773, 0.1763, 0.1547



0.7862, 0.1846, 0.1847

Previews

White Background



This preview shows how the Yxy color 26.1206, 0.5388, 0.4104 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 26.1206, 0.5388, 0.4104 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 26.1206, 0.5388, 0.4104

Background



This preview shows how black text looks on a background with the Yxy color 26.1206, 0.5388, 0.4104.



This preview shows how white text looks on a background with the Yxy color 26.1206, 0.5388, 0.4104.

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

26.1206, 0.5388, 0.4104

Protanopia

26.3659, 0.4352, 0.4832

Deuteranopia

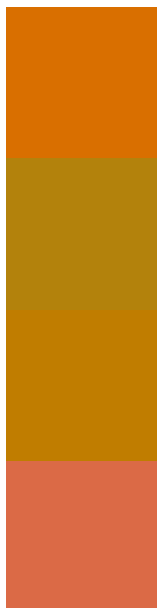
26.1222, 0.4712, 0.4641



Tritanopia

26.0419, 0.4588, 0.3213

Trichromacy



Original Color

26.1206, 0.5388, 0.4104

Protanomaly

25.5755, 0.4749, 0.4559

Deuteranomaly

25.8737, 0.4977, 0.4430

Tritanomaly

25.8103, 0.5054, 0.3677

Monochromacy



Original Color

26.1206, 0.5388, 0.4104

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.4718, 0.4109, 0.3922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1206, 0.5388, 0.4104 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(217, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 111, 0)  
}
```

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(217, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 111, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.1206, 0.5388, 0.4104 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(217, 111, 0) }
```

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

```
.border{ border-color:rgb(217, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 111,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1206, 0.5388, 0.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 111, 0) }
```

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

```
.background{ background-color: rgb(217,  
111, 0) }
```

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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