

Converting Colors

$Y_{xy}(26.0567, 0.5138, 0.4117)$

Have a look what the booklet for
Yxy(26.0567, 0.5138, 0.4117)
contains.

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Color

Yxy(26.0050, 0.5146, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	D07420
RGB	208, 116, 32
RGB Percent	82%, 45%, 13%
CMY	0.1843, 0.5451, 0.8746
CMYK	0.00, 0.44, 0.85, 0.18
HSL	29°, 73%, 47%
HSV	29°, 85%, 82%
XYZ	32.5205, 26.0050, 4.6702
YIQ	133.9320, 81.7960, -6.6200

Conversions

Conversions Part 2

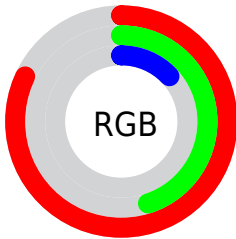
Format	Color
R _Y B	208, 193, 32
Decimal	13661216
CIE Lab	58.04, 30.57, 57.65
CIE LCh	58, 65.251, 62.068
Yxy	26.0050, 0.5146, 0.4115
Android (android.graphics.Color)	4291851296 (0xFFD07420)
YUV	133.9320, -50.2525, 64.9576
Hunter-Lab	50.9951, 24.5912, 30.2668

Details

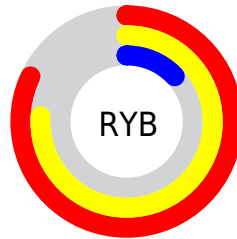
The Yxy color **26.0050, 0.5146, 0.4115** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **19.2734, 0.1903, 0.1911**, and the grayscale version is **23.9795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2918, 0.4653, 0.4100**, and **10.0995, 0.5528, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **23.5652, 0.5375, 0.4067**, and if you desaturate by 10%, it is **28.8123, 0.4880, 0.4108**.

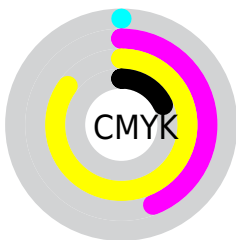
Distribution



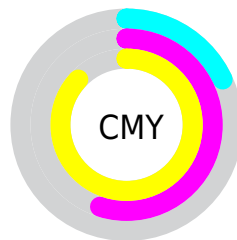
- Red (82%)
- Green (45%)
- Blue (13%)



- Red (82%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (85%)
- Black (18%)



- Cyan (18%)
- Magenta (55%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0050, 0.5146, 0.4115 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 26.0050, 0.5146, 0.4115 by changing the saturation by 10% instead.


 26.0050, 0.5146,
0.4115


 26.0050, 0.5146,
0.4115


282.8066, 0.4105,
0.3804


 16.8274, 0.5379,
0.4130


 53.2830, 0.4779,
0.4043

 10.1115, 0.5660,
0.4114


 72.1522, 0.4636,
0.4002


 5.4729, 0.5980,
0.4020

 95.0207, 0.4514,
0.3963

 2.5273, 0.6264,
0.3736

 122.2729, 0.4408,
0.3926

 0.8903, 0.6736,
0.3264

 154.2932, 0.4317,
0.3891

 0.0000, 1.0000,
0.0000

 191.4660, 0.4238,

 0.0000, 0.0000,

0.3860

0.0000

234.1757, 0.4167,
0.3831

26.0050, 0.5146,
0.4115

26.0050, 0.5146,
0.4115

23.5652, 0.5375,
0.4067

28.8123, 0.4880,
0.4108

22.3893, 0.5486,
0.4026

32.0040, 0.4596,
0.4053

35.6004, 0.4312,
0.3962

39.6185, 0.4041,
0.3848

44.0739, 0.3792,
0.3722

■ 48.9816, 0.3569,
0.3593

■ 54.3554, 0.3372,
0.3466

■ 60.2086, 0.3199,
0.3344

■ 66.5538, 0.3049,
0.3230

Harmonies

Analogous

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



26.0050, 0.5193, 0.3383



26.0050, 0.5146, 0.4115



26.0050, 0.4519, 0.4861

Triad

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



26.0050, 0.5146, 0.4115



26.0050, 0.1821, 0.3804



26.0050, 0.2354, 0.1818

Complementary

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



26.0050, 0.5146, 0.4115



19.2734, 0.1903, 0.1911

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.



26.0050, 0.1697, 0.1746



26.0050, 0.5146, 0.4115



26.0050, 0.1423, 0.2649

Square

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



26.0050, 0.5146, 0.4115



26.0050, 0.2612, 0.4995



26.0050, 0.1396, 0.1987



26.0050, 0.3373, 0.2156

Rectangle

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



26.0050, 0.5146, 0.4115



26.0050, 0.3922, 0.5245



26.0050, 0.1396, 0.1987



26.0050, 0.2092, 0.1763

Sweetspot

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



26.0064, 0.5146, 0.4115



77.1047, 0.3583, 0.3602



15.9459, 0.4493, 0.2366



15.8975, 0.3660, 0.3648



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.



26.0064, 0.5146, 0.4115



35.1092, 0.5504, 0.4012



55.8233, 0.4201, 0.4945



12.7258, 0.3279, 0.3401



14.1439, 0.5463, 0.4044



0.9493, 0.5170, 0.4277

Inverse Universe

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



19.2734, 0.1903, 0.1911



24.0732, 0.1784, 0.1622



6.2377, 0.1601, 0.0788



12.4255, 0.2983, 0.3176



9.8125, 0.1796, 0.1665



0.7071, 0.1885, 0.1987

Previews

White Background



This preview shows how the Yxy color 26.0050, 0.5146, 0.4115 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 26.0050, 0.5146, 0.4115 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 26.0050, 0.5146, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 26.0050, 0.5146, 0.4115.



This preview shows how white text looks on a background with the Yxy color 26.0050, 0.5146, 0.4115.

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

26.0050, 0.5146, 0.4115

Protanopia

26.0642, 0.4272, 0.4712

Deuteranopia

26.1840, 0.4654, 0.4568



Tritanopia

25.9831, 0.4387, 0.3196

Trichromacy



Original Color

26.0050, 0.5146, 0.4115

Protanomaly

25.5901, 0.4609, 0.4478

Deuteranomaly

25.9447, 0.4838, 0.4402

Tritanomaly

25.8736, 0.4758, 0.3601

Monochromacy



Original Color

26.0050, 0.5146, 0.4115

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.6189, 0.3902, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0050, 0.5146, 0.4115 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(208, 116, 32)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 32)  
}
```

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(208, 116, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 32) }
```

Border

The CSS property to change the border of an element to Yxy 26.0050, 0.5146, 0.4115 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(208, 116, 32) }
```

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

```
.border{ border-color:rgb(208, 116, 32) }
```

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

Here you see how a box with a 4 pixel rgb(208, 116, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 32);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0050, 0.5146, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 32) }
```

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

```
.background{ background-color: rgb(208,  
116, 32) }
```

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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