

Converting Colors

$Yxy(26.7539, 0.5174, 0.4274)$

Have a look what the booklet for
Yxy(26.7539, 0.5174, 0.4274)
contains.

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Color

Yxy(26.6983, 0.5184, 0.4266)

Conversions

Conversions Part 1

Format	Color
Hex	CF7800
RGB	207, 120, 0
RGB Percent	81%, 47%, 0%
CMY	0.1883, 0.5293, 1.0000
CMYK	0.00, 0.42, 1.00, 0.19
HSL	35°, 100%, 41%
HSV	35°, 100%, 81%
XYZ	32.4435, 26.6983, 3.4421
YIQ	132.3330, 90.3720, -18.8760

Conversions

Conversions Part 2

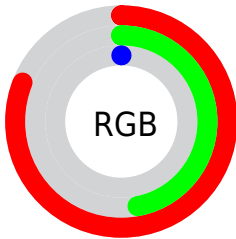
Format	Color
R _Y B	150, 207, 0
Decimal	13596672
CIE Lab	58.69, 27.48, 65.54
CIE LCh	59, 71.071, 67.255
Yxy	26.6983, 0.5184, 0.4266
Android (android.graphics.Color)	4291786752 (0xFFCF7800)
YUV	132.3330, -65.2402, 65.4830
Hunter-Lab	51.6704, 21.6558, 32.2196

Details

The Yxy color **26.6983, 0.5184, 0.4266** 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 **11.3129, 0.1697, 0.1309**, and the grayscale version is **23.4186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5645, 0.4722, 0.4255**, and **10.6175, 0.5420, 0.4079** is the 20% darker color. If you saturate the color by 10%, you get **26.6998, 0.5184, 0.4266**, and if you desaturate by 10%, it is **28.9407, 0.5017, 0.4312**.

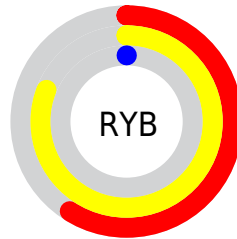
Distribution



Red (81%)

Green (47%)

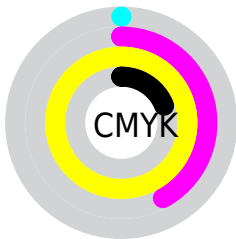
Blue (0%)



Red (59%)

Yellow (81%)

Blue (0%)

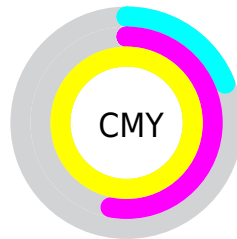


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6983, 0.5184, 0.4266 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 26.6983, 0.5184, 0.4266 by changing the saturation by 10% instead.


 26.6983, 0.5184,
0.4266


 26.6983, 0.5184,
0.4266

286.1934, 0.4160,
0.3905

 17.3468, 0.5393,
0.4280


 54.3994, 0.4837,
0.4186


 10.4820, 0.5676,
0.4290


 73.5177, 0.4697,
0.4139

 5.7197, 0.5864,
0.4136


 96.6604, 0.4576,
0.4093

 2.6754, 0.6119,
0.3881

 124.2118, 0.4470,
0.4049

 0.9647, 0.6543,
0.3457

 156.5565, 0.4377,
0.4009


 0.0000, 1.0000,
0.0000

 194.0787, 0.4296,

 0.0000, 0.0000,


0.3971

0.0000


 237.1628, 0.4224,
0.3937


 26.6983, 0.5184,
0.4266

 26.6983, 0.5184,
0.4266

 26.6998, 0.5184,
0.4266

 28.9407, 0.5017,
0.4312

 31.4333, 0.4819,
0.4311

 34.2015, 0.4593,
0.4258

 37.2602, 0.4354,
0.4163

 40.6226, 0.4113,
0.4037

■ 44.3006, 0.3880,
0.3892

■ 48.3053, 0.3663,
0.3739

■ 52.6469, 0.3465,
0.3584

■ 57.3353, 0.3286,
0.3433

Harmonies

Analogous

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



26.6983, 0.5389, 0.3489



26.6983, 0.5184, 0.4266



26.6983, 0.4423, 0.5066

Triad

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



26.6983, 0.5184, 0.4266



26.6983, 0.1626, 0.3590



26.6983, 0.2459, 0.1776

Complementary

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



26.6983, 0.5184, 0.4266



11.3129, 0.1697, 0.1309

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.



26.6983, 0.1701, 0.1648



26.6983, 0.5184, 0.4266



26.6983, 0.1293, 0.2429

Square

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



26.6983, 0.5184, 0.4266



26.6983, 0.2389, 0.4975



26.6983, 0.1330, 0.1829



26.6983, 0.3601, 0.2173

Rectangle

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



26.6983, 0.5184, 0.4266



26.6983, 0.3764, 0.5452



26.6983, 0.1330, 0.1829



26.6983, 0.2160, 0.1702

Sweetspot

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



26.6998, 0.5184, 0.4266



77.1954, 0.3671, 0.3744



13.9948, 0.5259, 0.2671



15.9245, 0.3761, 0.3810



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.



26.6998, 0.5184, 0.4266



42.3987, 0.5199, 0.4254



55.9746, 0.4076, 0.5145



12.9305, 0.3276, 0.3425



17.0173, 0.5166, 0.4280



1.1066, 0.4941, 0.4459

Inverse Universe

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



11.3129, 0.1697, 0.1309



17.7628, 0.1691, 0.1288



4.5956, 0.1518, 0.0610



12.2223, 0.2982, 0.3152



7.3076, 0.1704, 0.1335



0.5640, 0.1805, 0.1699

Previews

White Background



This preview shows how the Yxy color 26.6983, 0.5184, 0.4266 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 26.6983, 0.5184, 0.4266 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 26.6983, 0.5184, 0.4266

Background



This preview shows how black text looks on a background with the Yxy color 26.6983, 0.5184, 0.4266.



This preview shows how white text looks on a background with the Yxy color 26.6983, 0.5184, 0.4266.

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

26.6983, 0.5184, 0.4266

Protanopia

26.8570, 0.4371, 0.4838

Deuteranopia

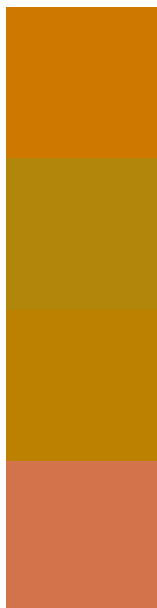
26.6339, 0.4719, 0.4635



Tritanopia

26.7933, 0.4297, 0.3194

Trichromacy



Original Color

26.6983, 0.5184, 0.4266

Protanomaly

26.4192, 0.4677, 0.4626

Deuteranomaly

26.5193, 0.4891, 0.4498

Tritanomaly

26.4849, 0.4814, 0.3748

Monochromacy



Original Color

26.6983, 0.5184, 0.4266

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.4494, 0.4021, 0.3992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6983, 0.5184, 0.4266 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(207, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 120, 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(207, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 120, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.6983, 0.5184, 0.4266 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(207, 120, 0) }
```

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

```
.border{ border-color:rgb(207, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 120,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6983, 0.5184, 0.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 120, 0) }
```

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

```
.background{ background-color: rgb(207,  
120, 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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