

Converting Colors

$Y_{xy}(27.1201, 0.4684, 0.3750)$

Have a look what the booklet for
Yxy(27.1201, 0.4684, 0.3750)
contains.

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Color

Yxy(27.0531, 0.4690, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	CF7751
RGB	207, 119, 81
RGB Percent	81%, 47%, 32%
CMY	0.1884, 0.5332, 0.6824
CMYK	0.00, 0.42, 0.61, 0.19
HSL	18°, 57%, 56%
HSV	18°, 61%, 81%
XYZ	33.8074, 27.0531, 11.2235
YIQ	140.9800, 64.6460, 6.8380

Conversions

Conversions Part 2

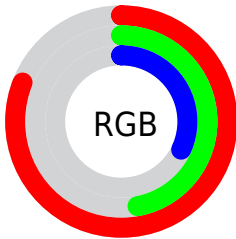
Format	Color
R_{YB}	207, 135, 81
Decimal	13596497
CIE _{Lab}	59.02, 30.89, 35.58
CIE _{LCh}	59, 47.114, 49.035
Yxy	27.0531, 0.4690, 0.3753
Android (android.graphics.Color)	4291786577 (0xFFCF7751)
YUV	140.9800, -29.5701, 57.8995
Hunter-Lab	52.0126, 25.0001, 23.6150

Details

The Yxy color **27.0531, 0.4690, 0.3753** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **34.6054, 0.2259, 0.2712**, and the grayscale version is **26.7284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4037, 0.4264, 0.3719**, and **10.6676, 0.5207, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **23.6073, 0.5059, 0.3785**, and if you desaturate by 10%, it is **31.1192, 0.4339, 0.3694**.

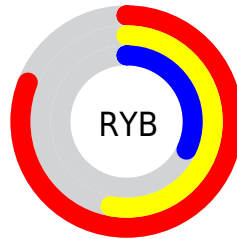
Distribution



Red (81%)

Green (47%)

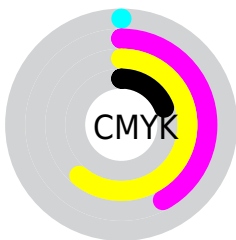
Blue (32%)



Red (81%)

Yellow (53%)

Blue (32%)

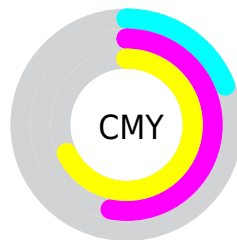


Cyan (0%)

Magenta (42%)

Yellow (61%)

Black (19%)



Cyan (19%)


Magenta (53%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0531, 0.4690, 0.3753 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 27.0531, 0.4690, 0.3753 by changing the saturation by 10% instead.


 27.0531, 0.4690,
0.3753


 27.0531, 0.4690,
0.3753

287.9141, 0.3844,
0.3560


 17.6131, 0.4914,
0.3778


 54.9691, 0.4371,
0.3698


 10.6726, 0.5202,
0.3791


 74.2138, 0.4254,
0.3672


 5.8471, 0.5579,
0.3769

 97.4956, 0.4157,
0.3648

 2.7523, 0.6243,
0.3757

 125.1989, 0.4075,
0.3627

 1.0038, 0.6692,
0.3308

 157.7079, 0.4004,
0.3607

 0.0000, 1.0000,
0.0000

195.4073, 0.3943,

 0.0000, 0.0000,

0.3590

0.0000

238.6812, 0.3890,
0.3574

■ 27.0531, 0.4690,
0.3753

■ 27.0531, 0.4690,
0.3753

■ 23.6073, 0.5059,
0.3785

■ 31.1192, 0.4339,
0.3694

■ 20.7452, 0.5420,
0.3777

■ 35.8312, 0.4023,
0.3618

■ 18.4323, 0.5737,
0.3723

■ 41.2182, 0.3747,
0.3536

■ 16.7586, 0.5970,
0.3642

■ 47.3065, 0.3510,
0.3453

■ 54.1205, 0.3309,
0.3372

■ 61.6837, 0.3140,
0.3296

■ 70.0183, 0.2998,
0.3226

■ 79.1458, 0.2878,
0.3162

■ 88.2711, 0.2840,
0.3228

Harmonies

Analogous

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



27.0531, 0.4451, 0.3180



27.0531, 0.4690, 0.3753



27.0531, 0.4446, 0.4310

Triad

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



27.0531, 0.4690, 0.3753



27.0531, 0.2416, 0.4039



27.0531, 0.2306, 0.2111

Complementary

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



27.0531, 0.4690, 0.3753



34.6054, 0.2259, 0.2712

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.



27.0531, 0.1900, 0.2175



27.0531, 0.4690, 0.3753



27.0531, 0.1944, 0.3191

Square

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



27.0531, 0.4690, 0.3753



27.0531, 0.3116, 0.4651



27.0531, 0.1776, 0.2525



27.0531, 0.2975, 0.2288

Rectangle

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



27.0531, 0.4690, 0.3753



27.0531, 0.4081, 0.4603



27.0531, 0.1776, 0.2525



27.0531, 0.2140, 0.2103

Sweetspot

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



27.0545, 0.4690, 0.3753



78.6207, 0.3454, 0.3431



22.0162, 0.3663, 0.2250



16.1678, 0.3516, 0.3455



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.



27.0545, 0.4690, 0.3753



36.3669, 0.5170, 0.3787



47.2179, 0.4153, 0.4467



12.3818, 0.3283, 0.3361



10.7087, 0.5945, 0.3661



0.7380, 0.5579, 0.3952

Inverse Universe

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



34.6054, 0.2259, 0.2712



49.2360, 0.2128, 0.2564



16.5999, 0.2031, 0.1701



12.7794, 0.2983, 0.3218



15.6759, 0.1967, 0.2282



1.0123, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 27.0531, 0.4690, 0.3753 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 27.0531, 0.4690, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

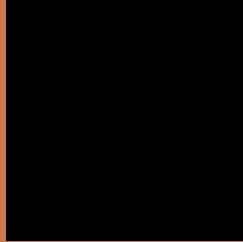
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0531, 0.4690, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 27.0531, 0.4690, 0.3753.



This preview shows how white text looks on a background with the Yxy color 27.0531, 0.4690, 0.3753.

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

27.0531, 0.4690, 0.3753

Protanopia

27.3517, 0.3807, 0.4134

Deuteranopia

27.1428, 0.4211, 0.4141



Tritanopia

27.1414, 0.4248, 0.3193

Trichromacy



Original Color

27.0531, 0.4690, 0.3753

Protanomaly

26.7370, 0.4125, 0.3981

Deuteranomaly

26.9544, 0.4392, 0.3998

Tritanomaly

27.1076, 0.4422, 0.3406

Monochromacy



Original Color

27.0531, 0.4690, 0.3753

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1063, 0.3661, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0531, 0.4690, 0.3753 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, 119, 81)` looks like.

```
.text, #text, p{  
    color:rgb(207, 119, 81)  
}
```

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, 119, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 119, 81) }
```

Border

The CSS property to change the border of an element to Yxy 27.0531, 0.4690, 0.3753 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, 119, 81) }
```

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

```
.border{ border-color:rgb(207, 119, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 119, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 119, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 119, 81);  
box-shadow:4px 4px 4px 4px rgb(207, 119,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0531, 0.4690, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 119, 81) }
```

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

```
.background{ background-color: rgb(207,  
119, 81) }
```

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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