

Converting Colors

$Y_{xy}(27.1030, 0.4508, 0.3889)$

Have a look what the booklet for
Yxy(27.1030, 0.4508, 0.3889)
contains.

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Color

Yxy(27.1030, 0.4508, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	C37E50
RGB	195, 126, 80
RGB Percent	76%, 49%, 31%
CMY	0.2353, 0.5059, 0.6861
CMYK	0.00, 0.35, 0.59, 0.24
HSL	24°, 49%, 54%
HSV	24°, 59%, 76%
XYZ	31.4169, 27.1030, 11.1715
YIQ	141.3870, 55.8900, 0.3220

Conversions

Conversions Part 2

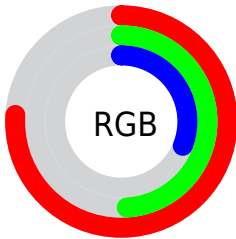
Format	Color
RYB	195, 157, 80
Decimal	12811856
CIELab	59.07, 22.13, 35.80
CIELCh	59, 42.090, 58.273
Yxy	27.1030, 0.4508, 0.3889
Android (android.graphics.Color)	4291001936 (0xFFC37E50)
YUV	141.3870, -30.2638, 47.0186
Hunter-Lab	52.0605, 16.6132, 23.7195

Details

The Yxy color **27.1030, 0.4508, 0.3889** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **27.1558, 0.2242, 0.2545**, and the grayscale version is **26.9026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1119, 0.4233, 0.3800**, and **10.5971, 0.4960, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **24.0363, 0.4828, 0.3949**, and if you desaturate by 10%, it is **30.6064, 0.4203, 0.3802**.

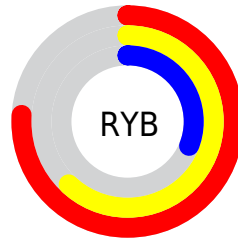
Distribution



Red (76%)

Green (49%)

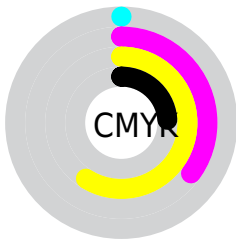
Blue (31%)



Red (76%)

Yellow (62%)

Blue (31%)

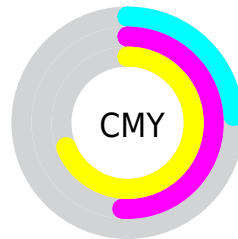


Cyan (0%)

Magenta (35%)

Yellow (59%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1030, 0.4508, 0.3889 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 27.1030, 0.4508, 0.3889 by changing the saturation by 10% instead.


 27.1030, 0.4508,
0.3889


 27.1030, 0.4508,
0.3889


288.1555, 0.3762,
0.3611


 17.6506, 0.4704,
0.3941


 55.0491, 0.4227,
0.3798

 10.6994, 0.4958,
0.3992


 74.3116, 0.4124,
0.3761


 5.8651, 0.5288,
0.4025

 97.6129, 0.4039,
0.3727

 2.7632, 0.5888,
0.4112

 125.3374, 0.3966,
0.3698

 1.0094, 0.6244,
0.3756

 157.8695, 0.3904,
0.3672

 0.0000, 1.0000,
0.0000

195.5937, 0.3850,

 0.0000, 0.0000,

0.3650

0.0000

238.8942, 0.3804,
0.3629

■ 27.1030, 0.4508,
0.3889

■ 27.1030, 0.4508,
0.3889

■ 24.0363, 0.4828,
0.3949

■ 30.6064, 0.4203,
0.3802

■ 21.3826, 0.5146,
0.3969

■ 34.5603, 0.3924,
0.3700

■ 19.1219, 0.5435,
0.3940

■ 38.9830, 0.3676,
0.3591

■ 17.2257, 0.5679,
0.3862

■ 43.8903, 0.3459,
0.3483

■ 17.0463, 0.5703,
0.3853

■ 49.2973, 0.3272,
0.3378

■ 55.2183, 0.3112,
0.3280

■ 61.6672, 0.2974,
0.3189

■ 68.6570, 0.2856,
0.3105

■ 76.1656, 0.2758,
0.3034

Harmonies

Analogous

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



27.1030, 0.4423, 0.3361



27.1030, 0.4508, 0.3889



27.1030, 0.4188, 0.4354

Triad

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



27.1030, 0.4508, 0.3889



27.1030, 0.2333, 0.3727



27.1030, 0.2553, 0.2245

Complementary

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



27.1030, 0.4508, 0.3889



27.1558, 0.2242, 0.2545

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.



27.1030, 0.2100, 0.2236



27.1030, 0.4508, 0.3889



27.1030, 0.1979, 0.3000

Square

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



27.1030, 0.4508, 0.3889



27.1030, 0.2921, 0.4369



27.1030, 0.1905, 0.2479



27.1030, 0.3215, 0.2469

Rectangle

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



27.1030, 0.4508, 0.3889



27.1030, 0.3816, 0.4549



27.1030, 0.1905, 0.2479



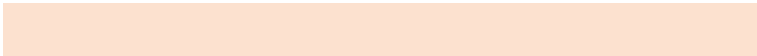
27.1030, 0.2375, 0.2216

Sweetspot

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



27.1044, 0.4508, 0.3889



79.2305, 0.3445, 0.3476



19.5778, 0.3779, 0.2389



16.7557, 0.3506, 0.3507



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.



27.1044, 0.4508, 0.3889



41.4740, 0.4930, 0.3960



45.4724, 0.4048, 0.4533



10.7240, 0.3279, 0.3383



11.2331, 0.5679, 0.3873



0.6202, 0.5272, 0.4196

Inverse Universe

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



27.1558, 0.2242, 0.2545



41.4448, 0.2086, 0.2343



13.5552, 0.2037, 0.1613



10.7308, 0.2984, 0.3196



11.0042, 0.1872, 0.1939



0.6073, 0.1965, 0.2273

Previews

White Background



This preview shows how the Yxy color 27.1030, 0.4508, 0.3889 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 27.1030, 0.4508, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

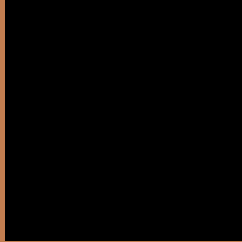
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1030, 0.4508, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 27.1030, 0.4508, 0.3889.



This preview shows how white text looks on a background with the Yxy color 27.1030, 0.4508, 0.3889.

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

27.1030, 0.4508, 0.3889

Protanopia

27.3847, 0.3858, 0.4190

Deuteranopia

27.1570, 0.4201, 0.4128



Tritanopia

27.1600, 0.3999, 0.3173

Trichromacy



Original Color

27.1030, 0.4508, 0.3889

Protanomaly

27.0775, 0.4086, 0.4079

Deuteranomaly

27.0121, 0.4318, 0.4029

Tritanomaly

27.0725, 0.4208, 0.3440

Monochromacy



Original Color

27.1030, 0.4508, 0.3889

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5173, 0.3601, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1030, 0.4508, 0.3889 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(195, 126, 80)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 80)  
}
```

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(195, 126, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 80) }
```

Border

The CSS property to change the border of an element to Yxy 27.1030, 0.4508, 0.3889 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(195, 126, 80) }
```

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

```
.border{ border-color:rgb(195, 126, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 126, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 80);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1030, 0.4508, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 126, 80) }
```

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

```
.background{ background-color: rgb(195,  
126, 80) }
```

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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