

Converting Colors

$Y_{xy}(28.9761, 0.4689, 0.3903)$

Have a look what the booklet for
Yxy(28.9761, 0.4689, 0.3903)
contains.

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Color

Yxy(29.0966, 0.4687, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	D07F4B
RGB	208, 127, 75
RGB Percent	82%, 50%, 29%
CMY	0.1843, 0.5019, 0.7060
CMYK	0.00, 0.39, 0.64, 0.18
HSL	23°, 59%, 55%
HSV	23°, 64%, 82%
XYZ	34.8698, 29.0966, 10.4304
YIQ	145.2910, 64.9680, 1.0000

Conversions

Conversions Part 2

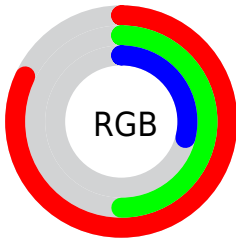
Format	Color
R _Y B	208, 160, 75
Decimal	13664075
CIE Lab	60.87, 26.61, 41.02
CIE LCh	61, 48.895, 57.021
Yxy	29.0966, 0.4687, 0.3911
Android (android.graphics.Color)	4291854155 (0xFFD07F4B)
YUV	145.2910, -34.6535, 54.9958
Hunter-Lab	53.9413, 20.9923, 26.2942

Details

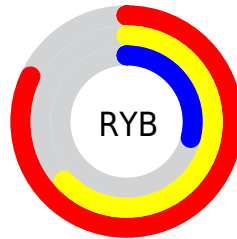
The Yxy color **29.0966, 0.4687, 0.3911** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **29.8118, 0.2180, 0.2484**, and the grayscale version is **28.5641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3832, 0.4269, 0.3859**, and **11.7764, 0.5163, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **25.7902, 0.5014, 0.3950**, and if you desaturate by 10%, it is **32.9102, 0.4367, 0.3838**.

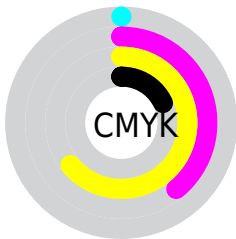
Distribution



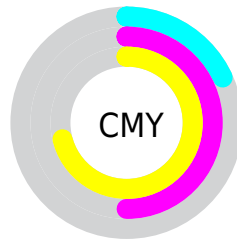
- Red (82%)
- Green (50%)
- Blue (29%)



- Red (82%)
- Yellow (63%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (64%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0966, 0.4687, 0.3911 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 29.0966, 0.4687, 0.3911 by changing the saturation by 10% instead.


 29.0966, 0.4687,
0.3911


 29.0966, 0.4687,
0.3911


297.6705, 0.3859,
0.3641


 19.1539, 0.4897,
0.3953


 58.2305, 0.4381,
0.3829

 11.7815, 0.5161,
0.3985


 78.1906, 0.4267,
0.3793


 6.5951, 0.5496,
0.3989


 102.2585, 0.4171,
0.3760

 3.2102, 0.6020,
0.3980

 130.8187, 0.4090,
0.3731

 1.2424, 0.6387,
0.3613

 164.2556, 0.4020,
0.3705

 0.0960, 0.8853,
0.1147

202.9536, 0.3959,

 0.0000, 0.0000,

0.3682

0.0000

247.2971, 0.3906,
0.3660

■ 29.0966, 0.4687,
0.3911

■ 29.0966, 0.4687,
0.3911

■ 25.7902, 0.5014,
0.3950

■ 32.9102, 0.4367,
0.3838

■ 22.9618, 0.5325,
0.3943

■ 37.2492, 0.4069,
0.3744

■ 20.5853, 0.5593,
0.3883

■ 42.1359, 0.3801,
0.3640

■ 19.3480, 0.5735,
0.3829

■ 47.5901, 0.3567,
0.3533

■ 53.6305, 0.3363,
0.3428

■ 60.2747, 0.3189,
0.3328

■ 67.5397, 0.3040,
0.3235

■ 75.4418, 0.2912,
0.3149

■ 83.5259, 0.2841,
0.3143

Harmonies

Analogous

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



29.0966, 0.4582, 0.3328



29.0966, 0.4687, 0.3911



29.0966, 0.4328, 0.4451

Triad

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



29.0966, 0.4687, 0.3911



29.0966, 0.2252, 0.3822



29.0966, 0.2452, 0.2124

Complementary

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



29.0966, 0.4687, 0.3911



29.8118, 0.2180, 0.2484

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.



29.0966, 0.1968, 0.2119



29.0966, 0.4687, 0.3911



29.0966, 0.1856, 0.2980

Square

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



29.0966, 0.4687, 0.3911



29.0966, 0.2913, 0.4556



29.0966, 0.1767, 0.2390



29.0966, 0.3186, 0.2362

Rectangle

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



29.0966, 0.4687, 0.3911



29.0966, 0.3913, 0.4700



29.0966, 0.1767, 0.2390



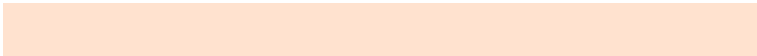
29.0966, 0.2260, 0.2094

Sweetspot

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



29.0981, 0.4687, 0.3911



79.8658, 0.3467, 0.3482



20.8723, 0.3863, 0.2330



16.5114, 0.3527, 0.3513



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.



29.0981, 0.4687, 0.3911



39.0286, 0.5140, 0.3953



51.8247, 0.4118, 0.4616



12.5559, 0.3281, 0.3381



12.2352, 0.5709, 0.3849



0.8367, 0.5370, 0.4118

Inverse Universe

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



29.8118, 0.2180, 0.2484



40.0559, 0.2030, 0.2272



13.4447, 0.1939, 0.1450



12.5983, 0.2983, 0.3197



12.4324, 0.1879, 0.1964



0.8471, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 29.0966, 0.4687, 0.3911 looks on a white background.

Color Contrast Check

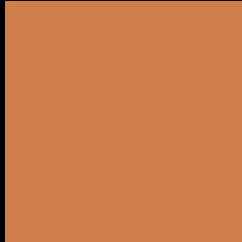
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0966, 0.4687, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

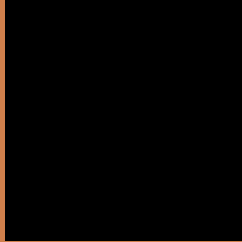
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0966, 0.4687, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 29.0966, 0.4687, 0.3911.



This preview shows how white text looks on a background with the Yxy color 29.0966, 0.4687, 0.3911.

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

29.0966, 0.4687, 0.3911

Protanopia

29.1580, 0.3937, 0.4275

Deuteranopia

29.0478, 0.4301, 0.4220



Tritanopia

29.2568, 0.4142, 0.3193

Trichromacy



Original Color

29.0966, 0.4687, 0.3911

Protanomaly

28.9044, 0.4214, 0.4146

Deuteranomaly

28.8854, 0.4449, 0.4099

Tritanomaly

29.1189, 0.4371, 0.3467

Monochromacy



Original Color

29.0966, 0.4687, 0.3911

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8579, 0.3664, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0966, 0.4687, 0.3911 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, 127, 75)` looks like.

```
.text, #text, p{  
    color:rgb(208, 127, 75)  
}
```

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, 127, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 127, 75) }
```

Border

The CSS property to change the border of an element to Yxy 29.0966, 0.4687, 0.3911 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, 127, 75) }
```

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

```
.border{ border-color:rgb(208, 127, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 127, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 127, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 127, 75);  
box-shadow:4px 4px 4px 4px rgb(208, 127,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0966, 0.4687, 0.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 127, 75) }
```

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

```
.background{ background-color: rgb(208,  
127, 75) }
```

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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