

Converting Colors

$Yxy(28.6374, 0.4685, 0.3867)$

Have a look what the booklet for
Yxy(28.6374, 0.4685, 0.3867)
contains.

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Color

Yxy(28.6129, 0.4686, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	D07D4D
RGB	208, 125, 77
RGB Percent	82%, 49%, 30%
CMY	0.1844, 0.5097, 0.6980
CMYK	0.00, 0.40, 0.63, 0.18
HSL	22°, 58%, 56%
HSV	22°, 63%, 82%
XYZ	34.6819, 28.6129, 10.7169
YIQ	144.3450, 64.8760, 2.6680

Conversions

Conversions Part 2

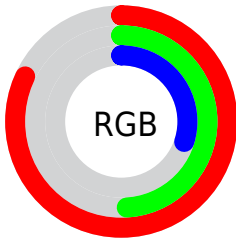
Format	Color
R_{YB}	208, 153, 77
Decimal	13663565
CIE _{Lab}	60.44, 27.82, 39.45
CIE _{LCh}	60, 48.270, 54.810
Yxy	28.6129, 0.4686, 0.3866
Android (android.graphics.Color)	4291853645 (0xFFD07D4D)
YUV	144.3450, -33.2011, 55.8254
Hunter-Lab	53.4910, 22.1243, 25.5650

Details

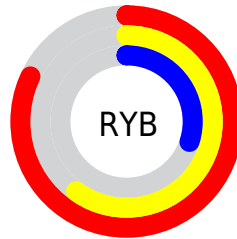
The Yxy color **28.6129, 0.4686, 0.3866** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **31.2626, 0.2204, 0.2551**, and the grayscale version is **28.1547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6331, 0.4264, 0.3820**, and **11.5155, 0.5167, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **25.2482, 0.5025, 0.3904**, and if you desaturate by 10%, it is **32.5170, 0.4357, 0.3796**.

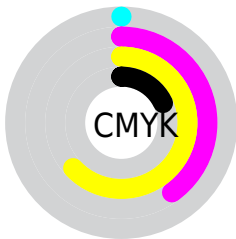
Distribution



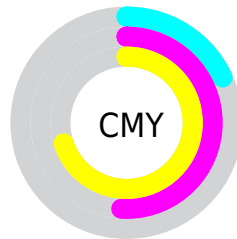
- Red (82%)
- Green (49%)
- Blue (30%)



- Red (82%)
- Yellow (60%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (63%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6129, 0.4686, 0.3866 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 28.6129, 0.4686, 0.3866 by changing the saturation by 10% instead.


 28.6129, 0.4686,
0.3866


 28.6129, 0.4686,
0.3866


295.3841, 0.3854,
0.3618

 18.7882, 0.4899,
0.3903


 57.4615, 0.4377,
0.3791


 11.5173, 0.5170,
0.3931


 77.2542, 0.4262,
0.3758


 6.4159, 0.5515,
0.3927


 101.1382, 0.4166,
0.3728

 3.0996, 0.6079,
0.3921

 129.4982, 0.4085,
0.3701

 1.1840, 0.6467,
0.3533

 162.7183, 0.4015,
0.3677

 0.0485, 0.9373,
0.0627

201.1831, 0.3954,

 0.0000, 0.0000,

0.3655

0.0000

245.2769, 0.3901,
0.3636

■ 28.6129, 0.4686,
0.3866

■ 28.6129, 0.4686,
0.3866

■ 25.2482, 0.5025,
0.3904

■ 32.5170, 0.4357,
0.3796

■ 22.3917, 0.5351,
0.3897

■ 36.9804, 0.4054,
0.3707

■ 20.0155, 0.5634,
0.3838

■ 42.0273, 0.3784,
0.3609

■ 18.6088, 0.5803,
0.3775

■ 47.6791, 0.3549,
0.3508

■ 53.9559, 0.3346,
0.3410

■ 60.8770, 0.3173,
0.3317

■ 68.4607, 0.3026,
0.3230

■ 76.7245, 0.2901,
0.3150

■ 85.0792, 0.2842,
0.3170

Harmonies

Analogous

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



28.6129, 0.4544, 0.3287



28.6129, 0.4686, 0.3866



28.6129, 0.4360, 0.4409

Triad

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



28.6129, 0.4686, 0.3866



28.6129, 0.2299, 0.3881



28.6129, 0.2412, 0.2122

Complementary

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



28.6129, 0.4686, 0.3866



31.2626, 0.2204, 0.2551

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.



28.6129, 0.1951, 0.2136



28.6129, 0.4686, 0.3866



28.6129, 0.1882, 0.3038

Square

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



28.6129, 0.4686, 0.3866



28.6129, 0.2970, 0.4581



28.6129, 0.1771, 0.2428



28.6129, 0.3126, 0.2343

Rectangle

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



28.6129, 0.4686, 0.3866



28.6129, 0.3959, 0.4671



28.6129, 0.1771, 0.2428



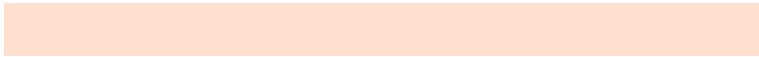
28.6129, 0.2227, 0.2099

Sweetspot

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



28.6144, 0.4686, 0.3866



79.2210, 0.3469, 0.3471



21.3293, 0.3783, 0.2293



16.3568, 0.3530, 0.3499



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.



28.6144, 0.4686, 0.3866



38.1666, 0.5156, 0.3907



50.0527, 0.4137, 0.4561



12.5077, 0.3282, 0.3376



11.7696, 0.5777, 0.3795



0.8077, 0.5428, 0.4072

Inverse Universe

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



31.2626, 0.2204, 0.2551



42.4831, 0.2057, 0.2354



14.6164, 0.1971, 0.1542



12.6480, 0.2983, 0.3203



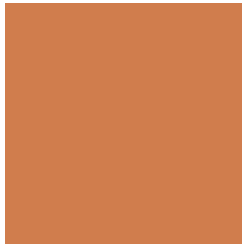
13.2722, 0.1903, 0.2052



0.8906, 0.1974, 0.2305

Previews

White Background



This preview shows how the Yxy color 28.6129, 0.4686, 0.3866 looks on a white background.

Color Contrast Check

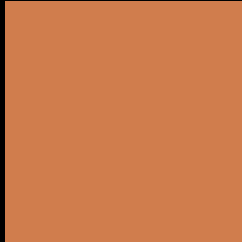
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6129, 0.4686, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

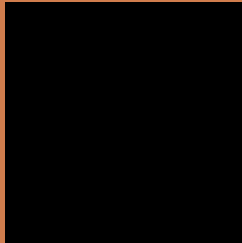
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6129, 0.4686, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 28.6129, 0.4686, 0.3866.



This preview shows how white text looks on a background with the Yxy color 28.6129, 0.4686, 0.3866.

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

28.6129, 0.4686, 0.3866

Protanopia

28.6714, 0.3903, 0.4243

Deuteranopia

28.6629, 0.4281, 0.4189



Tritanopia

28.6010, 0.4154, 0.3180

Trichromacy



Original Color

28.6129, 0.4686, 0.3866

Protanomaly

28.1182, 0.4189, 0.4104

Deuteranomaly

28.5053, 0.4429, 0.4069

Tritanomaly

28.4805, 0.4374, 0.3443

Monochromacy



Original Color

28.6129, 0.4686, 0.3866

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4629, 0.3657, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6129, 0.4686, 0.3866 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, 125, 77)` looks like.

```
.text, #text, p{  
    color:rgb(208, 125, 77)  
}
```

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, 125, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 125, 77) }
```

Border

The CSS property to change the border of an element to Yxy 28.6129, 0.4686, 0.3866 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, 125, 77) }
```

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

```
.border{ border-color:rgb(208, 125, 77) }
```

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

Here you see how a box with a 4 pixel rgb(208, 125, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 125, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 125, 77);  
box-shadow:4px 4px 4px 4px rgb(208, 125,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6129, 0.4686, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 125, 77) }
```

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

```
.background{ background-color: rgb(208,  
125, 77) }
```

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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