

Converting Colors

$Y_{xy}(30.7686, 0.4383, 0.3713)$

Have a look what the booklet for
Yxy(30.7686, 0.4383, 0.3713)
contains.

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Color

Yxy(30.6688, 0.4381, 0.3708)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CF8463 |
| RGB | 207, 132, 99 |
| RGB Percent | 81%, 52%, 39% |
| CMY | 0.1882, 0.4823, 0.6119 |
| CMYK | 0.00, 0.36, 0.52, 0.19 |
| HSL | 18°, 53%, 60% |
| HSV | 18°, 52%, 81% |
| XYZ | 36.2352, 30.6688, 15.8058 |
| YIQ | 150.6630, 55.2930, 5.6370 |

Conversions

Conversions Part 2

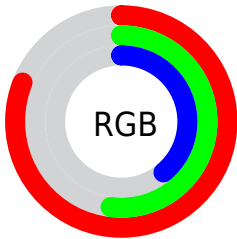
| Format | Color |
|-------------------------------------|--|
| RYB | 207, 147, 99 |
| Decimal | 13599843 |
| CIELab | 62.23, 25.36, 29.76 |
| CIElCh | 62, 39.105, 49.562 |
| Yxy | 30.6688, 0.4381, 0.3708 |
| Android (android.graphics.Color) | 4291789923 (0xFFCF8463) |
| YUV | 150.6630, -25.4699, 49.4075 |
| Hunter-Lab | 55.3794, 19.8799, 21.8436 |

Details

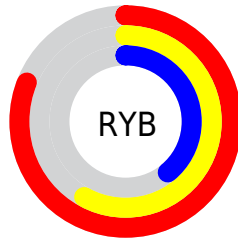
The Yxy color **30.6688, 0.4381, 0.3708** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **37.4150, 0.2361, 0.2802**, and the grayscale version is **30.8889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5798, 0.4028, 0.3669**, and **12.6721, 0.4778, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **26.6911, 0.4733, 0.3765**, and if you desaturate by 10%, it is **35.2879, 0.4061, 0.3633**.

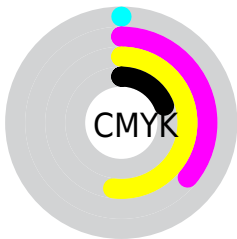
Distribution



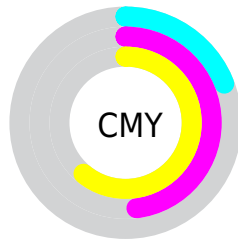
- Red (81%)
- Green (52%)
- Blue (39%)



- Red (81%)
- Yellow (58%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (52%)
- Black (19%)




- Cyan (19%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6688, 0.4381, 0.3708 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 30.6688, 0.4381, 0.3708 by changing the saturation by 10% instead.


 30.6688, 0.4381,
0.3708


 30.6688, 0.4381,
0.3708


305.0096, 0.3710,
0.3520


 20.3468, 0.4559,
0.3742


 60.7183, 0.4128,
0.3648

 12.6474, 0.4792,
0.3777


 81.2145, 0.4036,
0.3622

 7.1862, 0.5103,
0.3801


 105.8709, 0.3959,
0.3600

 3.5788, 0.5558,
0.3806

 135.0719, 0.3893,
0.3580

 1.4409, 0.6265,
0.3735

169.2018, 0.3837,
0.3563

 0.2465, 0.7759,
0.2241

208.6452, 0.3789,

 0.0000, 0.0000,

0.3547

0.0000

253.7863, 0.3747,
0.3533

■ 30.6688, 0.4381,
0.3708

■ 30.6688, 0.4381,
0.3708

■ 26.6911, 0.4733,
0.3765

■ 35.2879, 0.4061,
0.3633

■ 23.3205, 0.5102,
0.3793

■ 40.5714, 0.3780,
0.3550

■ 20.5261, 0.5457,
0.3781

■ 46.5468, 0.3539,
0.3466

■ 18.2719, 0.5764,
0.3720

■ 53.2386, 0.3334,
0.3384

■ 16.8547, 0.5960,
0.3649

■ 60.6701, 0.3161,
0.3306

■ 68.8633, 0.3016,
0.3234

■ 77.8395, 0.2893,
0.3168

■ 86.9872, 0.2839,
0.3206

■ 92.0060, 0.2844,
0.3289

Harmonies

Analogous

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



30.6688, 0.4187, 0.3227



30.6688, 0.4381, 0.3708



30.6688, 0.4199, 0.4150

Triad

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



30.6688, 0.4381, 0.3708



30.6688, 0.2555, 0.3865



30.6688, 0.2471, 0.2319

Complementary

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



30.6688, 0.4381, 0.3708



37.4150, 0.2361, 0.2802

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.



30.6688, 0.2122, 0.2379



30.6688, 0.4381, 0.3708



30.6688, 0.2160, 0.3216

Square

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



30.6688, 0.4381, 0.3708



30.6688, 0.3128, 0.4342



30.6688, 0.2014, 0.2679



30.6688, 0.3024, 0.2469

Rectangle

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



30.6688, 0.4381, 0.3708



30.6688, 0.3910, 0.4361



30.6688, 0.2014, 0.2679



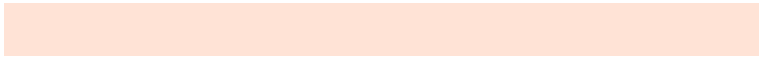
30.6688, 0.2329, 0.2314

Sweetspot

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



30.6703, 0.4381, 0.3708



80.8868, 0.3412, 0.3416



25.2627, 0.3562, 0.2375



16.8352, 0.3454, 0.3433



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.



30.6703, 0.4381, 0.3708



41.8631, 0.4791, 0.3772



49.0304, 0.4008, 0.4327



12.3894, 0.3283, 0.3362



10.7665, 0.5935, 0.3669



0.7420, 0.5570, 0.3959

Inverse Universe

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



37.4150, 0.2361, 0.2802



53.6994, 0.2225, 0.2671



20.7277, 0.2193, 0.1960



12.7714, 0.2983, 0.3217



15.5220, 0.1963, 0.2268



1.0046, 0.2022, 0.2478

Previews

White Background



This preview shows how the Yxy color 30.6688, 0.4381, 0.3708 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.6688, 0.4381, 0.3708 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 ✓ Pass

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

Yxy 30.6688, 0.4381, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 30.6688, 0.4381, 0.3708.



This preview shows how white text looks on a background with the Yxy color 30.6688, 0.4381, 0.3708.

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

30.6688, 0.4381, 0.3708

Protanopia

30.9813, 0.3687, 0.3963

Deuteranopia

30.7547, 0.4041, 0.3955



Tritanopia

30.6580, 0.4004, 0.3179

Trichromacy



Original Color

30.6688, 0.4381, 0.3708

Protanomaly

30.5297, 0.3935, 0.3867

Deuteranomaly

30.7144, 0.4158, 0.3862

Tritanomaly

30.6859, 0.4141, 0.3369

Monochromacy



Original Color

30.6688, 0.4381, 0.3708

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2704, 0.3545, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6688, 0.4381, 0.3708 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, 132, 99)` looks like.

```
.text, #text, p{  
    color:rgb(207, 132, 99)  
}
```

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, 132, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 132, 99) }
```

Border

The CSS property to change the border of an element to Yxy 30.6688, 0.4381, 0.3708 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, 132, 99) }
```

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

```
.border{ border-color:rgb(207, 132, 99) }
```

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

Here you see how a box with a 4 pixel rgb(207, 132, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 132, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 132, 99);  
box-shadow:4px 4px 4px 4px rgb(207, 132,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6688, 0.4381, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 132, 99) }
```

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

```
.background{ background-color: rgb(207,  
132, 99) }
```

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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