

Converting Colors

$Y_{xy}(26.8826, 0.4588, 0.3973)$

Have a look what the booklet for
Yxy(26.8826, 0.4588, 0.3973)
contains.

| | |
|---|----|
| Yxy(26.9917, 0.4590, 0.3979) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(26.9917, 0.4590, 0.3979)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C37E48 |
| RGB | 195, 126, 72 |
| RGB Percent | 76%, 49%, 28% |
| CMY | 0.2353, 0.5059, 0.7175 |
| CMYK | 0.00, 0.35, 0.63, 0.24 |
| HSL | 26°, 51%, 52% |
| HSV | 26°, 63%, 76% |
| XYZ | 31.1364, 26.9917, 9.7072 |
| YIQ | 140.4750, 58.4580, -2.1660 |

Conversions

Conversions Part 2

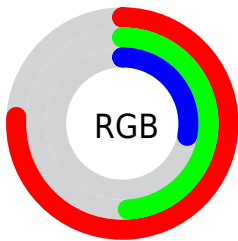
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 168, 72 |
| Decimal | 12811848 |
| CIELab | 58.97, 21.55, 39.91 |
| CIELCh | 59, 45.352, 61.635 |
| Yxy | 26.9917, 0.4590, 0.3979 |
| Android (android.graphics.Color) | 4291001928 (0xFFC37E48) |
| YUV | 140.4750, -33.7582, 47.8184 |
| Hunter-Lab | 51.9535, 16.0587, 25.2895 |

Details

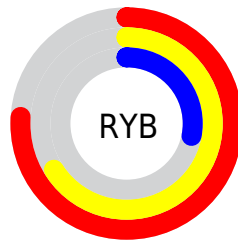
The Yxy color **26.9917, 0.4590, 0.3979** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **24.3792, 0.2171, 0.2399**, and the grayscale version is **26.5395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9053, 0.4300, 0.3878**, and **10.6921, 0.5040, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **24.1304, 0.4893, 0.4033**, and if you desaturate by 10%, it is **30.2425, 0.4293, 0.3892**.

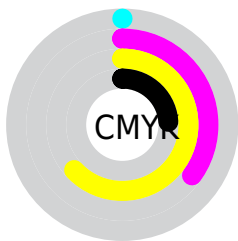
Distribution



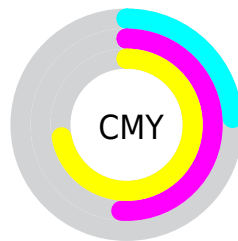
- Red (76%)
- Green (49%)
- Blue (28%)



- Red (76%)
- Yellow (66%)
- Blue (28%)



- Cyan (0%)
- Magenta (35%)
- Yellow (63%)
- Black (24%)




- Cyan (24%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9917, 0.4590, 0.3979 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 26.9917, 0.4590, 0.3979 by changing the saturation by 10% instead.


 26.9917, 0.4590,
0.3979


 26.9917, 0.4590,
0.3979


287.6169, 0.3806,
0.3661


 17.5670, 0.4792,
0.4036


 54.8705, 0.4298,
0.3877

 10.6396, 0.5047,
0.4089


 74.0935, 0.4189,
0.3834

 5.8250, 0.5379,
0.4125


 97.3513, 0.4099,
0.3796

 2.7390, 0.5866,
0.4134

 125.0283, 0.4022,
0.3762

 0.9970, 0.6217,
0.3783

 157.5090, 0.3956,
0.3732

 0.0000, 1.0000,
0.0000

195.1777, 0.3899,

 0.0000, 0.0000,

0.3706

0.0000

238.4189, 0.3850,
0.3682

■ 26.9917, 0.4590,
0.3979

■ 26.9917, 0.4590,
0.3979

■ 24.1304, 0.4893,
0.4033

■ 30.2425, 0.4293,
0.3892

■ 21.6368, 0.5182,
0.4042

■ 33.8950, 0.4015,
0.3785

■ 19.4925, 0.5436,
0.3997

■ 37.9657, 0.3763,
0.3668

■ 18.1901, 0.5591,
0.3942

■ 42.4687, 0.3539,
0.3549

■ 47.4176, 0.3344,
0.3433

■ 52.8251, 0.3174,
0.3322

■ 58.7035, 0.3028,
0.3219

■ 65.0645, 0.2902,
0.3123

■ 71.9194, 0.2793,
0.3036

Harmonies

Analogous

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



26.9917, 0.4559, 0.3419



26.9917, 0.4590, 0.3979



26.9917, 0.4198, 0.4470

Triad

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



26.9917, 0.4590, 0.3979



26.9917, 0.2216, 0.3669



26.9917, 0.2579, 0.2192

Complementary

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



26.9917, 0.4590, 0.3979



24.3792, 0.2171, 0.2399

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.



26.9917, 0.2071, 0.2153



26.9917, 0.4590, 0.3979



26.9917, 0.1877, 0.2893

Square

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



26.9917, 0.4590, 0.3979



26.9917, 0.2819, 0.4405



26.9917, 0.1834, 0.2373



26.9917, 0.3306, 0.2453

Rectangle

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



26.9917, 0.4590, 0.3979



26.9917, 0.3781, 0.4665



26.9917, 0.1834, 0.2373



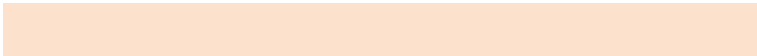
26.9917, 0.2380, 0.2153

Sweetspot

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



26.9931, 0.4590, 0.3979



79.3031, 0.3462, 0.3505



18.1865, 0.3942, 0.2415



16.8144, 0.3522, 0.3539



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.



26.9931, 0.4590, 0.3979



41.2997, 0.5015, 0.4043



47.5249, 0.4057, 0.4657



10.7890, 0.3278, 0.3391



11.9847, 0.5568, 0.3961



0.6549, 0.5186, 0.4264

Inverse Universe

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



24.3792, 0.2171, 0.2399



36.1317, 0.2007, 0.2158



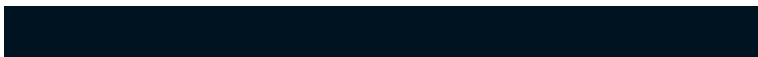
11.0922, 0.1940, 0.1396



10.6645, 0.2984, 0.3186



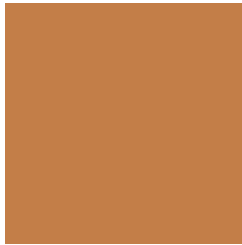
9.8974, 0.1834, 0.1803



0.5630, 0.1935, 0.2167

Previews

White Background



This preview shows how the Yxy color 26.9917, 0.4590, 0.3979 looks on a white background.

Color Contrast Check

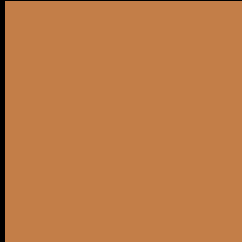
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9917, 0.4590, 0.3979 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 26.9917, 0.4590, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 26.9917, 0.4590, 0.3979.



This preview shows how white text looks on a background with the Yxy color 26.9917, 0.4590, 0.3979.

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

26.9917, 0.4590, 0.3979

Protanopia

27.0642, 0.3952, 0.4287

Deuteranopia

27.1645, 0.4288, 0.4222



Tritanopia

26.8943, 0.4017, 0.3173

Trichromacy



Original Color

26.9917, 0.4590, 0.3979

Protanomaly

26.7880, 0.4185, 0.4167

Deuteranomaly

26.9025, 0.4397, 0.4125

Tritanomaly

27.0075, 0.4245, 0.3479

Monochromacy



Original Color

26.9917, 0.4590, 0.3979

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0393, 0.3639, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9917, 0.4590, 0.3979 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(195, 126, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 126, 72) }
```

Border

The CSS property to change the border of an element to Yxy 26.9917, 0.4590, 0.3979 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, 72) }
```

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

```
.border{ border-color:rgb(195, 126, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 126, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 126, 72);  
box-shadow:4px 4px 4px 4px rgb(195, 126,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9917, 0.4590, 0.3979 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, 72) }
```

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

```
.background{ background-color: rgb(195,  
126, 72) }
```

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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