

Converting Colors

$Y_{xy}(26.7108, 0.4715, 0.4030)$

Have a look what the booklet for
Yxy(26.7108, 0.4715, 0.4030)
contains.

Yxy(26.6558, 0.4709, 0.4028)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.6558, 0.4709, 0.4028)

Conversions

Conversions Part 1

Format	Color
Hex	C57C40
RGB	197, 124, 64
RGB Percent	77%, 49%, 25%
CMY	0.2274, 0.5137, 0.7489
CMYK	0.00, 0.37, 0.67, 0.23
HSL	27°, 53%, 51%
HSV	27°, 67%, 77%
XYZ	31.1624, 26.6558, 8.3581
YIQ	138.9870, 62.7680, -3.1840

Conversions

Conversions Part 2

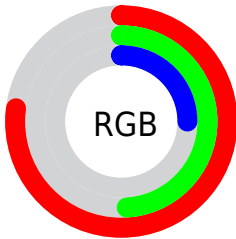
Format	Color
R _Y B	197, 173, 64
Decimal	12942400
CIE Lab	58.65, 22.99, 43.72
CIE LCh	59, 49.391, 62.263
Yxy	26.6558, 0.4709, 0.4028
Android (android.graphics.Color)	4291132480 (0xFFC57C40)
YUV	138.9870, -36.9686, 50.8774
Hunter-Lab	51.6293, 17.3879, 26.5422

Details

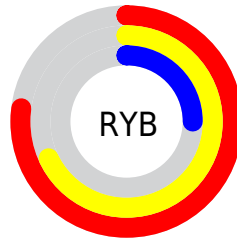
The Yxy color **26.6558, 0.4709, 0.4028** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.0287, 0.2108, 0.2295**, and the grayscale version is **25.9423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9192, 0.4377, 0.3933**, and **10.5528, 0.5183, 0.4130** is the 20% darker color. If you saturate the color by 10%, you get **23.9067, 0.5002, 0.4066**, and if you desaturate by 10%, it is **29.7843, 0.4412, 0.3952**.

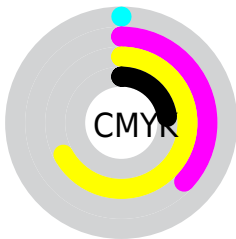
Distribution



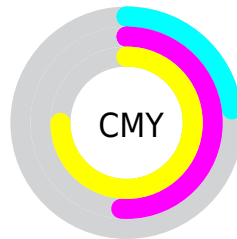
- Red (77%)
- Green (49%)
- Blue (25%)



- Red (77%)
- Yellow (68%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (67%)
- Black (23%)



- Cyan (23%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6558, 0.4709, 0.4028 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 26.6558, 0.4709, 0.4028 by changing the saturation by 10% instead.


 26.6558, 0.4709,
0.4028


 26.6558, 0.4709,
0.4028


285.9867, 0.3866,
0.3697


 17.3149, 0.4921,
0.4081


 54.3310, 0.4398,
0.3925


 10.4593, 0.5184,
0.4125


 73.4342, 0.4281,
0.3880

 5.7045, 0.5548,
0.4161

 96.5601, 0.4184,
0.3841

 2.6662, 0.5935,
0.4065

 124.0934, 0.4101,
0.3805

 0.9601, 0.6310,
0.3690

 156.4182, 0.4030,
0.3773

 0.0000, 1.0000,
0.0000

193.9191, 0.3968,

 0.0000, 0.0000,

0.3745

0.0000

236.9805, 0.3914,
0.3720

■ 26.6558, 0.4709,
0.4028

■ 26.6558, 0.4709,
0.4028

■ 23.9067, 0.5002,
0.4066

■ 29.7843, 0.4412,
0.3952

■ 21.5147, 0.5273,
0.4053

■ 33.3047, 0.4129,
0.3849

■ 19.4584, 0.5503,
0.3989

■ 37.2338, 0.3867,
0.3733

■ 18.9896, 0.5558,
0.3969

■ 41.5859, 0.3633,
0.3611

■ 46.3747, 0.3426,
0.3490

■ 51.6129, 0.3246,
0.3373

■ 57.3128, 0.3090,
0.3263

■ 63.4863, 0.2955,
0.3161

■ 70.1446, 0.2839,
0.3068

Harmonies

Analogous

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



26.6558, 0.4697, 0.3427



26.6558, 0.4709, 0.4028



26.6558, 0.4265, 0.4569

Triad

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



26.6558, 0.4709, 0.4028



26.6558, 0.2124, 0.3682



26.6558, 0.2543, 0.2113

Complementary

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



26.6558, 0.4709, 0.4028



23.0287, 0.2108, 0.2295

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.



26.6558, 0.1995, 0.2062



26.6558, 0.4709, 0.4028



26.6558, 0.1774, 0.2832

Square

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



26.6558, 0.4709, 0.4028



26.6558, 0.2767, 0.4511



26.6558, 0.1738, 0.2284



26.6558, 0.3336, 0.2395

Rectangle

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



26.6558, 0.4709, 0.4028



26.6558, 0.3807, 0.4794



26.6558, 0.1738, 0.2284



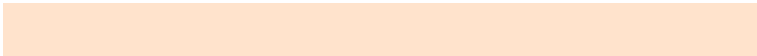
26.6558, 0.2329, 0.2068

Sweetspot

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



26.6572, 0.4709, 0.4028



80.5560, 0.3482, 0.3523



17.3539, 0.4067, 0.2401



16.7148, 0.3540, 0.3558



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.



26.6572, 0.4709, 0.4028



40.7005, 0.5135, 0.4066



49.2274, 0.4090, 0.4743



11.4114, 0.3278, 0.3395



12.6506, 0.5536, 0.3987



0.7432, 0.5186, 0.4264

Inverse Universe

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



23.0287, 0.2108, 0.2295



33.6518, 0.1948, 0.2036



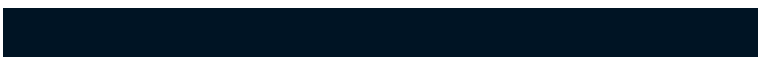
9.5893, 0.1851, 0.1230



11.2366, 0.2983, 0.3183



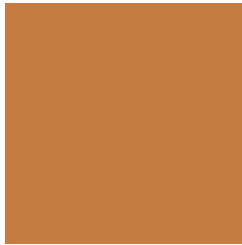
9.8983, 0.1822, 0.1759



0.6119, 0.1919, 0.2108

Previews

White Background



This preview shows how the Yxy color 26.6558, 0.4709, 0.4028 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 26.6558, 0.4709, 0.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

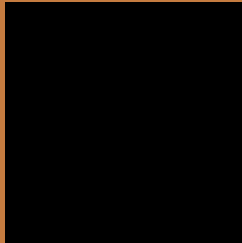
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6558, 0.4709, 0.4028

Background



This preview shows how black text looks on a background with the Yxy color 26.6558, 0.4709, 0.4028.



This preview shows how white text looks on a background with the Yxy color 26.6558, 0.4709, 0.4028.

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

26.6558, 0.4709, 0.4028

Protanopia

26.9563, 0.4024, 0.4395

Deuteranopia

26.7788, 0.4377, 0.4311



Tritanopia

26.6464, 0.4076, 0.3174

Trichromacy



Original Color

26.6558, 0.4709, 0.4028

Protanomaly

26.5160, 0.4281, 0.4248

Deuteranomaly

26.6477, 0.4500, 0.4206

Tritanomaly

26.6916, 0.4345, 0.3516

Monochromacy



Original Color

26.6558, 0.4709, 0.4028

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6936, 0.3677, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6558, 0.4709, 0.4028 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(197, 124, 64)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 64)  
}
```

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(197, 124, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 64) }
```

Border

The CSS property to change the border of an element to Yxy 26.6558, 0.4709, 0.4028 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(197, 124, 64) }
```

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

```
.border{ border-color:rgb(197, 124, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 124, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 64);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6558, 0.4709, 0.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 64) }
```

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

```
.background{ background-color: rgb(197,  
124, 64) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor