

Converting Colors

$Y_{xy}(28.5190, 0.4502, 0.3672)$

Have a look what the booklet for
Yxy(28.5190, 0.4502, 0.3672)
contains.

Yxy(28.4889, 0.4500, 0.3667)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4889, 0.4500, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	CF7C5E
RGB	207, 124, 94
RGB Percent	81%, 49%, 37%
CMY	0.1882, 0.5137, 0.6315
CMYK	0.00, 0.40, 0.55, 0.19
HSL	16°, 54%, 59%
HSV	16°, 55%, 81%
XYZ	34.9605, 28.4889, 14.2406
YIQ	145.3970, 59.0980, 8.2660

Conversions

Conversions Part 2

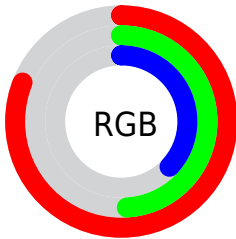
Format	Color
RYB	207, 135, 94
Decimal	13597790
CIELab	60.33, 29.25, 30.08
CIElCh	60, 41.955, 45.803
Yxy	28.4889, 0.4500, 0.3667
Android (android.graphics.Color)	4291787870 (0xFFCF7C5E)
YUV	145.3970, -25.3387, 54.0258
Hunter-Lab	53.3750, 23.5108, 21.5438

Details

The Yxy color **28.4889, 0.4500, 0.3667** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **38.3196, 0.2346, 0.2845**, and the grayscale version is **28.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7486, 0.4113, 0.3628**, and **11.4924, 0.4962, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **24.6462, 0.4875, 0.3709**, and if you desaturate by 10%, it is **33.0215, 0.4157, 0.3606**.

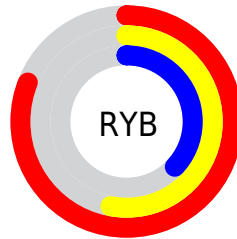
Distribution



Red (81%)

Green (49%)

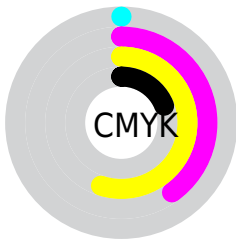
Blue (37%)



Red (81%)

Yellow (53%)

Blue (37%)

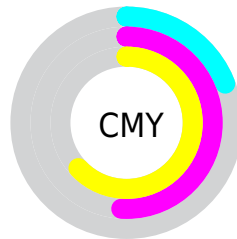


Cyan (0%)

Magenta (40%)

Yellow (55%)

Black (19%)



Cyan (19%)


Magenta (51%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4889, 0.4500, 0.3667 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 28.4889, 0.4500, 0.3667 by changing the saturation by 10% instead.


 28.4889, 0.4500,
0.3667


 28.4889, 0.4500,
0.3667


294.7957, 0.3757,
0.3506

 18.6945, 0.4700,
0.3692


 57.2641, 0.4218,
0.3618


 11.4498, 0.4961,
0.3710


 77.0136, 0.4116,
0.3597

 6.3702, 0.5312,
0.3709


 100.8504, 0.4030,
0.3577

 3.0715, 0.5880,
0.3701

 129.1587, 0.3958,
0.3560

 1.1692, 0.6541,
0.3459

162.3230, 0.3897,
0.3544

 0.0363, 0.9537,
0.0463

200.7277, 0.3844,

 0.0000, 0.0000,

0.3530

0.0000

244.7571, 0.3798,
0.3517

■ 28.4889, 0.4500,
0.3667

■ 28.4889, 0.4500,
0.3667

■ 24.6462, 0.4875,
0.3709

■ 33.0215, 0.4157,
0.3606

■ 21.4541, 0.5262,
0.3722

■ 38.2719, 0.3856,
0.3535

■ 18.8757, 0.5625,
0.3693

■ 44.2720, 0.3599,
0.3461

■ 16.8679, 0.5922,
0.3622

■ 51.0500, 0.3382,
0.3389

■ 15.9978, 0.6055,
0.3574

■ 58.6330, 0.3201,
0.3320

■ 67.0466, 0.3048,
0.3256

■ 76.3152, 0.2921,
0.3198

■ 86.1635, 0.2838,
0.3191

■ 92.0061, 0.2844,
0.3289

Harmonies

Analogous

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



28.4889, 0.4237, 0.3150



28.4889, 0.4500, 0.3667



28.4889, 0.4341, 0.4164

Triad

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



28.4889, 0.4500, 0.3667



28.4889, 0.2567, 0.4012



28.4889, 0.2349, 0.2231

Complementary

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



28.4889, 0.4500, 0.3667



38.3196, 0.2346, 0.2845

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.



28.4889, 0.2006, 0.2322



28.4889, 0.4500, 0.3667



28.4889, 0.2111, 0.3290

Square

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



28.4889, 0.4500, 0.3667



28.4889, 0.3204, 0.4494



28.4889, 0.1923, 0.2675



28.4889, 0.2926, 0.2368

Rectangle

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



28.4889, 0.4500, 0.3667



28.4889, 0.4044, 0.4423



28.4889, 0.1923, 0.2675



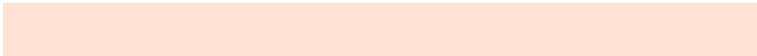
28.4889, 0.2207, 0.2234

Sweetspot

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



28.4904, 0.4500, 0.3667



79.9967, 0.3414, 0.3400



24.5122, 0.3517, 0.2278



16.6248, 0.3458, 0.3415



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.



28.4904, 0.4500, 0.3667



38.2862, 0.4960, 0.3715



46.2133, 0.4087, 0.4310



12.3118, 0.3284, 0.3352



10.2125, 0.6031, 0.3593



0.7030, 0.5662, 0.3886

Inverse Universe

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



38.3196, 0.2346, 0.2845



55.4683, 0.2215, 0.2726



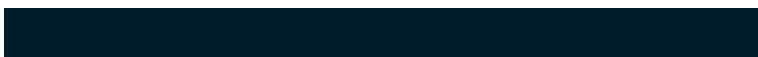
20.8606, 0.2166, 0.1976



12.8535, 0.2983, 0.3227



17.1511, 0.2003, 0.2410



1.0853, 0.2053, 0.2591

Previews

White Background



This preview shows how the Yxy color 28.4889, 0.4500, 0.3667 looks on a white background.

Color Contrast Check

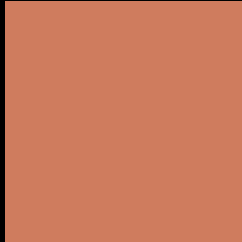
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4889, 0.4500, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

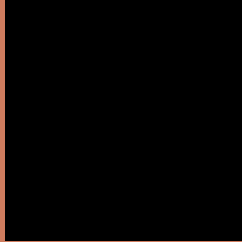
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4889, 0.4500, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 28.4889, 0.4500, 0.3667.



This preview shows how white text looks on a background with the Yxy color 28.4889, 0.4500, 0.3667.

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

28.4889, 0.4500, 0.3667

Protanopia

28.7051, 0.3683, 0.3970

Deuteranopia

28.4507, 0.4069, 0.3988



Tritanopia

28.3075, 0.4131, 0.3179

Trichromacy



Original Color

28.4889, 0.4500, 0.3667

Protanomaly

28.2110, 0.3968, 0.3851

Deuteranomaly

28.3877, 0.4222, 0.3872

Tritanomaly

28.3456, 0.4263, 0.3357

Monochromacy



Original Color

28.4889, 0.4500, 0.3667

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7225, 0.3601, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4889, 0.4500, 0.3667 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, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(207, 124, 94)  
}
```

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, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 124, 94) }
```

Border

The CSS property to change the border of an element to Yxy 28.4889, 0.4500, 0.3667 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, 124, 94) }
```

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

```
.border{ border-color:rgb(207, 124, 94) }
```

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

Here you see how a box with a 4 pixel rgb(207, 124, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(207, 124,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4889, 0.4500, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 124, 94) }
```

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

```
.background{ background-color: rgb(207,  
124, 94) }
```

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