

Converting Colors

$Y_{xy}(25.2809, 0.4998, 0.3998)$

Have a look what the booklet for
Yxy(25.2809, 0.4998, 0.3998)
contains.

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Color

Yxy(25.3379, 0.4995, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	CC7333
RGB	204, 115, 51
RGB Percent	80%, 45%, 20%
CMY	0.2000, 0.5490, 0.7999
CMYK	0.00, 0.44, 0.75, 0.20
HSL	25°, 60%, 50%
HSV	25°, 75%, 80%
XYZ	31.6328, 25.3379, 6.3582
YIQ	134.3150, 73.5880, -1.0360

Conversions

Conversions Part 2

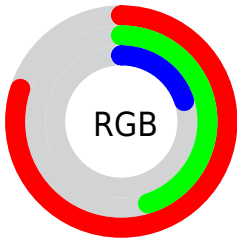
Format	Color
RYB	204, 161, 51
Decimal	13398835
CIELab	57.40, 30.11, 48.96
CIElCh	57, 57.480, 58.414
Yxy	25.3379, 0.4995, 0.4001
Android (android.graphics.Color)	4291588915 (0xFFCC7333)
YUV	134.3150, -41.0743, 61.1137
Hunter-Lab	50.3368, 24.0842, 27.7466

Details

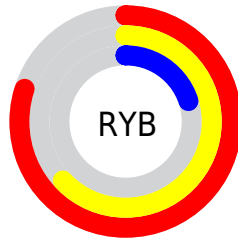
The Yxy color **25.3379, 0.4995, 0.4001** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.8318, 0.2041, 0.2247**, and the grayscale version is **24.0977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2048, 0.4543, 0.3961**, and **9.7099, 0.5518, 0.4001** is the 20% darker color. If you saturate the color by 10%, you get **22.6619, 0.5290, 0.3994**, and if you desaturate by 10%, it is **28.4441, 0.4682, 0.3960**.

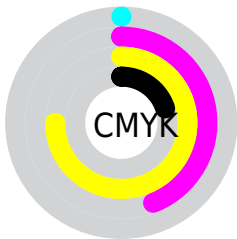
Distribution



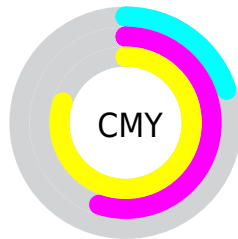
- Red (80%)
- Green (45%)
- Blue (20%)



- Red (80%)
- Yellow (63%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (75%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3379, 0.4995, 0.4001 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 25.3379, 0.4995, 0.4001 by changing the saturation by 10% instead.


 25.3379, 0.4995,
0.4001


 25.3379, 0.4995,
0.4001


279.5165, 0.4004,
0.3715


 16.3290, 0.5236,
0.4026


 52.2049, 0.4633,
0.3926

 9.7572, 0.5528,
0.4022


 70.8317, 0.4496,
0.3888


 5.2383, 0.5979,
0.4021

 93.4333, 0.4381,
0.3853

 2.3878, 0.6269,
0.3731

 120.3941, 0.4283,
0.3820

 0.8196, 0.6758,
0.3242

 152.0984, 0.4198,
0.3790

 0.0000, 1.0000,
0.0000

 188.9306, 0.4125,

 0.0000, 0.0000,

0.3762

0.0000

231.2752, 0.4060,
0.3738

■ 25.3379, 0.4995,
0.4001

■ 25.3379, 0.4995,
0.4001

■ 22.6619, 0.5290,
0.3994

■ 28.4441, 0.4682,
0.3960

■ 20.3877, 0.5542,
0.3934

■ 31.9982, 0.4373,
0.3884

■ 19.3847, 0.5656,
0.3891

■ 36.0213, 0.4082,
0.3785

■ 40.5318, 0.3818,
0.3674

■ 45.5469, 0.3585,
0.3560

■ 51.0828, 0.3381,
0.3448

■ 57.1552, 0.3205,
0.3341

■ 63.7788, 0.3054,
0.3241

■ 70.9677, 0.2924,
0.3148

Harmonies

Analogous

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



25.3379, 0.4931, 0.3325



25.3379, 0.4995, 0.4001



25.3379, 0.4504, 0.4668

Triad

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



25.3379, 0.4995, 0.4001



25.3379, 0.2028, 0.3892



25.3379, 0.2343, 0.1922

Complementary

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



25.3379, 0.4995, 0.4001



23.8318, 0.2041, 0.2247

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.



25.3379, 0.1772, 0.1893



25.3379, 0.4995, 0.4001



25.3379, 0.1601, 0.2839

Square

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



25.3379, 0.4995, 0.4001



25.3379, 0.2792, 0.4864



25.3379, 0.1528, 0.2170



25.3379, 0.3232, 0.2208

Rectangle

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



25.3379, 0.4995, 0.4001



25.3379, 0.3987, 0.5008



25.3379, 0.1528, 0.2170



25.3379, 0.2115, 0.1882

Sweetspot

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



25.3392, 0.4995, 0.4001



77.8124, 0.3527, 0.3530



17.1101, 0.4138, 0.2295



16.1349, 0.3586, 0.3561



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.



25.3392, 0.4995, 0.4001



35.1213, 0.5452, 0.3963



50.4539, 0.4201, 0.4796



11.9717, 0.3280, 0.3387



12.3746, 0.5632, 0.3910



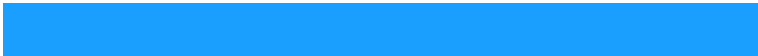
0.7873, 0.5284, 0.4186

Inverse Universe

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



23.8318, 0.2041, 0.2247



32.2401, 0.1902, 0.1986



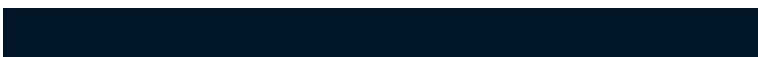
8.7060, 0.1742, 0.1077



11.9101, 0.2983, 0.3191



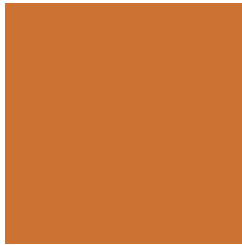
11.1901, 0.1853, 0.1871



0.7252, 0.1938, 0.2177

Previews

White Background



This preview shows how the Yxy color 25.3379, 0.4995, 0.4001 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 25.3379, 0.4995, 0.4001 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 25.3379, 0.4995, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 25.3379, 0.4995, 0.4001.



This preview shows how white text looks on a background with the Yxy color 25.3379, 0.4995, 0.4001.

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

25.3379, 0.4995, 0.4001

Protanopia

25.6408, 0.4114, 0.4523

Deuteranopia

25.3141, 0.4513, 0.4420



Tritanopia

25.2515, 0.4330, 0.3193

Trichromacy



Original Color

25.3379, 0.4995, 0.4001

Protanomaly

25.0118, 0.4445, 0.4328

Deuteranomaly

25.0710, 0.4693, 0.4258

Tritanomaly

25.2634, 0.4619, 0.3529

Monochromacy



Original Color

25.3379, 0.4995, 0.4001

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5491, 0.3793, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3379, 0.4995, 0.4001 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(204, 115, 51)` looks like.

```
.text, #text, p{  
    color:rgb(204, 115, 51)  
}
```

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(204, 115, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 115, 51) }
```

Border

The CSS property to change the border of an element to Yxy 25.3379, 0.4995, 0.4001 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(204, 115, 51) }
```

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

```
.border{ border-color:rgb(204, 115, 51) }
```

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

Here you see how a box with a 4 pixel rgb(204, 115, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 115, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 115, 51);  
box-shadow:4px 4px 4px 4px rgb(204, 115,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3379, 0.4995, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 115, 51) }
```

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

```
.background{ background-color: rgb(204,  
115, 51) }
```

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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