

Converting Colors

$Yxy(25.5494, 0.5077, 0.4342)$

Have a look what the booklet for
Yxy(25.5494, 0.5077, 0.4342)
contains.

Yxy(25.5494, 0.5077, 0.4342)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5494, 0.5077, 0.4342)

Conversions

Conversions Part 1

Format	Color
Hex	C57902
RGB	197, 121, 2
RGB Percent	77%, 47%, 1%
CMY	0.2275, 0.5255, 0.9915
CMYK	0.00, 0.39, 0.99, 0.23
HSL	37°, 98%, 39%
HSV	37°, 99%, 77%
XYZ	29.8743, 25.5494, 3.4187
YIQ	130.1580, 83.4950, -20.8970

Conversions

Conversions Part 2

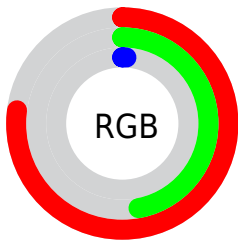
Format	Color
R_{YB}	127, 197, 2
Decimal	12941570
CIE _{Lab}	57.61, 22.69, 63.81
CIE _{LCh}	58, 67.725, 70.430
Yxy	25.5494, 0.5077, 0.4342
Android (android.graphics.Color)	4291131650 (0xFFC57902)
YUV	130.1580, -63.1819, 58.6204
Hunter-Lab	50.5464, 17.0422, 31.3724

Details

The Yxy color **25.5494, 0.5077, 0.4342** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **9.5150, 0.1682, 0.1246**, and the grayscale version is **22.5953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9618, 0.4707, 0.4258**, and **9.9531, 0.5299, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **25.3422, 0.5094, 0.4337**, and if you desaturate by 10%, it is **27.5459, 0.4920, 0.4375**.

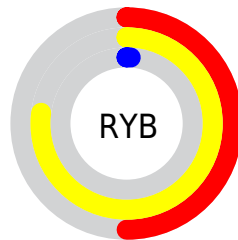
Distribution



Red (77%)

Green (47%)

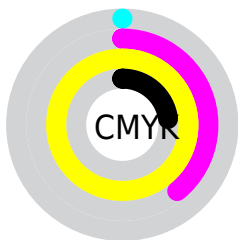
Blue (1%)



Red (50%)

Yellow (77%)

Blue (1%)

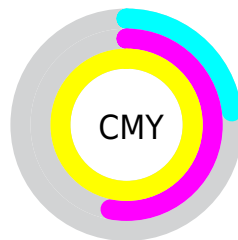


Cyan (0%)

Magenta (39%)

Yellow (99%)

Black (23%)



Cyan (23%)


Magenta (53%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5494, 0.5077, 0.4342 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 25.5494, 0.5077, 0.4342 by changing the saturation by 10% instead.


 25.5494, 0.5077,
0.4342


 25.5494, 0.5077,
0.4342


280.5630, 0.4099,
0.3922


 16.4868, 0.5277,
0.4374

 52.5471, 0.4744,
0.4236

 9.8693, 0.5555,
0.4413


 71.2511, 0.4610,
0.4181


 5.3124, 0.5723,
0.4277

 93.9376, 0.4494,
0.4128

 2.4317, 0.5952,
0.4048

 120.9912, 0.4394,
0.4079

 0.8421, 0.6350,
0.3650

 152.7961, 0.4306,
0.4034

 0.0000, 1.0000,
0.0000

 189.7368, 0.4228,

 0.0000, 0.0000,

0.3993

0.0000

232.1976, 0.4160,
0.3956

25.5494, 0.5077,
0.4342

25.5494, 0.5077,
0.4342

25.3422, 0.5094,
0.4337

27.5459, 0.4920,
0.4375

29.7472, 0.4733,
0.4360

32.1729, 0.4520,
0.4295

34.8351, 0.4293,
0.4190

37.7444, 0.4064,
0.4055

■ 40.9106, 0.3841,
0.3902

■ 44.3426, 0.3633,
0.3741

■ 48.0488, 0.3440,
0.3580

■ 52.0371, 0.3267,
0.3423

Harmonies

Analogous

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



25.5494, 0.5337, 0.3574



25.5494, 0.5077, 0.4342



25.5494, 0.4306, 0.5099

Triad

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



25.5494, 0.5077, 0.4342



25.5494, 0.1614, 0.3443



25.5494, 0.2583, 0.1842

Complementary

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



25.5494, 0.5077, 0.4342



9.5150, 0.1682, 0.1246

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.



25.5494, 0.1797, 0.1688



25.5494, 0.5077, 0.4342



25.5494, 0.1325, 0.2373

Square

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



25.5494, 0.5077, 0.4342



25.5494, 0.2321, 0.4790



25.5494, 0.1394, 0.1833



25.5494, 0.3718, 0.2257

Rectangle

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



25.5494, 0.5077, 0.4342



25.5494, 0.3654, 0.5418



25.5494, 0.1394, 0.1833



25.5494, 0.2276, 0.1760

Sweetspot

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



25.5507, 0.5077, 0.4342



78.4334, 0.3664, 0.3767



12.4972, 0.5358, 0.2733



16.2190, 0.3753, 0.3836



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.



25.5507, 0.5077, 0.4342



44.8845, 0.5111, 0.4324



49.3429, 0.4018, 0.5186



11.6956, 0.3275, 0.3431



16.8357, 0.5079, 0.4349



0.9350, 0.4847, 0.4533

Inverse Universe

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



9.5150, 0.1682, 0.1246



16.2301, 0.1667, 0.1199



4.2445, 0.1538, 0.0626



10.9546, 0.2983, 0.3145



6.2791, 0.1681, 0.1250



0.4376, 0.1799, 0.1675

Previews

White Background



This preview shows how the Yxy color 25.5494, 0.5077, 0.4342 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 25.5494, 0.5077, 0.4342 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 25.5494, 0.5077, 0.4342

Background



This preview shows how black text looks on a background with the Yxy color 25.5494, 0.5077, 0.4342.



This preview shows how white text looks on a background with the Yxy color 25.5494, 0.5077, 0.4342.

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

25.5494, 0.5077, 0.4342

Protanopia

25.6678, 0.4376, 0.4836

Deuteranopia

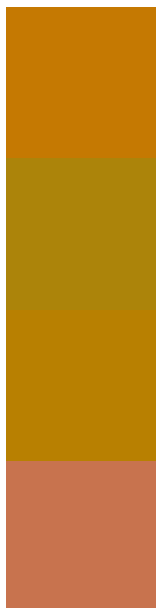
25.7326, 0.4715, 0.4638



Tritanopia

25.5254, 0.4181, 0.3176

Trichromacy



Original Color

25.5494, 0.5077, 0.4342

Protanomaly

25.2951, 0.4650, 0.4646

Deuteranomaly

25.6309, 0.4853, 0.4524

Tritanomaly

25.0909, 0.4688, 0.3755

Monochromacy



Original Color

25.5494, 0.5077, 0.4342

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.6889, 0.3965, 0.3996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5494, 0.5077, 0.4342 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, 121, 2)` looks like.

```
.text, #text, p{  
    color:rgb(197, 121, 2)  
}
```

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, 121, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 121, 2) }
```

Border

The CSS property to change the border of an element to Yxy 25.5494, 0.5077, 0.4342 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, 121, 2) }
```

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

```
.border{ border-color:rgb(197, 121, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 121, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 121, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 121, 2);  
box-shadow:4px 4px 4px 4px rgb(197, 121,  
2) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5494, 0.5077, 0.4342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 121, 2) }
```

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

```
.background{ background-color: rgb(197,  
121, 2) }
```

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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