

Converting Colors

$Yxy(21.5436, 0.5109, 0.3868)$

Have a look what the booklet for
Yxy(21.5436, 0.5109, 0.3868)
contains.

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Color

Yxy(21.5434, 0.5117, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	C66532
RGB	198, 101, 50
RGB Percent	78%, 40%, 20%
CMY	0.2235, 0.6040, 0.8039
CMYK	0.00, 0.49, 0.75, 0.22
HSL	21°, 60%, 49%
HSV	21°, 75%, 78%
XYZ	28.5220, 21.5434, 5.6743
YIQ	124.1890, 74.1830, 4.7030

Conversions

Conversions Part 2

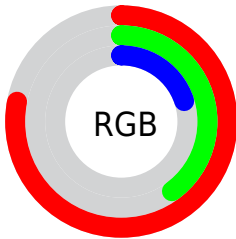
Format	Color
RYB	198, 128, 50
Decimal	13002034
CIELab	53.54, 35.01, 45.19
CIElCh	54, 57.165, 52.235
Yxy	21.5434, 0.5117, 0.3865
Android (android.graphics.Color)	4291192114 (0xFFC66532)
YUV	124.1890, -36.5752, 64.7322
Hunter-Lab	46.4149, 28.4625, 25.2421

Details

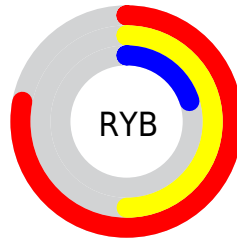
The Yxy color **21.5434, 0.5117, 0.3865** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.6371, 0.2094, 0.2446**, and the grayscale version is **20.3288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9433, 0.4674, 0.3828**, and **7.7709, 0.5740, 0.3824** is the 20% darker color. If you saturate the color by 10%, you get **19.0843, 0.5447, 0.3847**, and if you desaturate by 10%, it is **24.4769, 0.4768, 0.3838**.

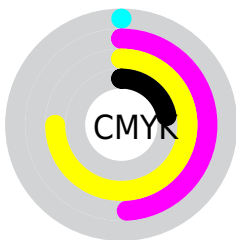
Distribution



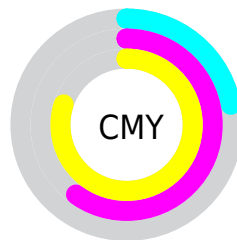
- Red (78%)
- Green (40%)
- Blue (20%)



- Red (78%)
- Yellow (50%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (22%)





- Cyan (22%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5434, 0.5117, 0.3865 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 21.5434, 0.5117, 0.3865 by changing the saturation by 10% instead.


 21.5434, 0.5117,
0.3865


 21.5434, 0.5117,
0.3865


260.1524, 0.4028,
0.3651


 13.5218, 0.5394,
0.3867


 45.9902, 0.4710,
0.3819


 7.7888, 0.5738,
0.3828


 63.1841, 0.4559,
0.3791


 3.9601, 0.6247,
0.3753

 84.2043, 0.4433,
0.3763

 1.6513, 0.6633,
0.3367

 109.4351, 0.4326,
0.3737

 0.3918, 0.7669,
0.2331

 139.2609, 0.4235,
0.3713

 0.0000, 1.0000,
0.0000

 174.0661, 0.4157,

 0.0000, 0.0000,

0.3691

0.0000

214.2352, 0.4088,
0.3670

■ 21.5434, 0.5117,
0.3865

■ 21.5434, 0.5117,
0.3865

■ 19.0843, 0.5447,
0.3847

■ 24.4769, 0.4768,
0.3838

■ 17.0672, 0.5727,
0.3779

■ 27.9072, 0.4428,
0.3778

■ 16.1671, 0.5857,
0.3732

■ 31.8592, 0.4113,
0.3697

■ 36.3549, 0.3833,
0.3606

■ 41.4150, 0.3589,
0.3511

■ 47.0590, 0.3380,
0.3418

■ 53.3053, 0.3202,
0.3330

■ 60.1718, 0.3051,
0.3248

■ 67.6751, 0.2922,
0.3172

Harmonies

Analogous

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



21.5434, 0.4918, 0.3177



21.5434, 0.5117, 0.3865



21.5434, 0.4693, 0.4575

Triad

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



21.5434, 0.5117, 0.3865



21.5434, 0.2114, 0.4169



21.5434, 0.2157, 0.1841

Complementary

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



21.5434, 0.5117, 0.3865



25.6371, 0.2094, 0.2446

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.



21.5434, 0.1641, 0.1868



21.5434, 0.5117, 0.3865



21.5434, 0.1598, 0.3011

Square

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



21.5434, 0.5117, 0.3865



21.5434, 0.2957, 0.5080



21.5434, 0.1456, 0.2224



21.5434, 0.3020, 0.2085

Rectangle

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



21.5434, 0.5117, 0.3865



21.5434, 0.4187, 0.4986



21.5434, 0.1456, 0.2224



21.5434, 0.1946, 0.1818

Sweetspot

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



21.5446, 0.5117, 0.3865



75.6372, 0.3536, 0.3488



16.4507, 0.3916, 0.2159



15.6252, 0.3597, 0.3514



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.



21.5446, 0.5117, 0.3865



31.3434, 0.5640, 0.3807



42.2606, 0.4307, 0.4682



11.2243, 0.3281, 0.3370



10.6565, 0.5832, 0.3751



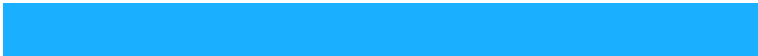
0.6399, 0.5426, 0.4074

Inverse Universe

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



25.6371, 0.2094, 0.2446



38.4655, 0.1968, 0.2227



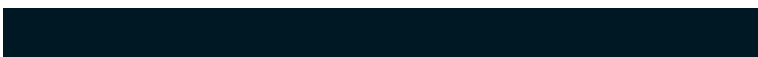
9.7459, 0.1788, 0.1244



11.4286, 0.2984, 0.3209



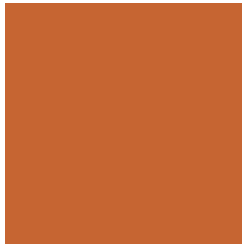
13.1646, 0.1926, 0.2133



0.7545, 0.2001, 0.2402

Previews

White Background



This preview shows how the Yxy color 21.5434, 0.5117, 0.3865 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 21.5434, 0.5117, 0.3865 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 21.5434, 0.5117, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 21.5434, 0.5117, 0.3865.



This preview shows how white text looks on a background with the Yxy color 21.5434, 0.5117, 0.3865.

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

21.5434, 0.5117, 0.3865

Protanopia

21.8456, 0.4073, 0.4462

Deuteranopia

21.6780, 0.4495, 0.4407



Tritanopia

21.5612, 0.4546, 0.3206

Trichromacy



Original Color

21.5434, 0.5117, 0.3865

Protanomaly

21.2560, 0.4462, 0.4236

Deuteranomaly

21.2306, 0.4735, 0.4194

Tritanomaly

21.4533, 0.4793, 0.3467

Monochromacy



Original Color

21.5434, 0.5117, 0.3865

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.9332, 0.3839, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5434, 0.5117, 0.3865 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(198, 101, 50)` looks like.

```
.text, #text, p{  
    color:rgb(198, 101, 50)  
}
```

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(198, 101, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 101, 50) }
```

Border

The CSS property to change the border of an element to Yxy 21.5434, 0.5117, 0.3865 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(198, 101, 50) }
```

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

```
.border{ border-color:rgb(198, 101, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 101, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 101, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 101, 50);  
box-shadow:4px 4px 4px 4px rgb(198, 101,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5434, 0.5117, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 101, 50) }
```

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

```
.background{ background-color: rgb(198,  
101, 50) }
```

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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