

Converting Colors

$Y_{xy}(17.8482, 0.4889, 0.3665)$

Have a look what the booklet for
Yxy(17.8482, 0.4889, 0.3665)
contains.

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Color

Yxy(17.8482, 0.4889, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	B55C40
RGB	181, 92, 64
RGB Percent	71%, 36%, 25%
CMY	0.2902, 0.6392, 0.7490
CMYK	0.00, 0.49, 0.65, 0.29
HSL	14°, 48%, 48%
HSV	14°, 65%, 71%
XYZ	23.8090, 17.8482, 7.0419
YIQ	115.4190, 62.0320, 10.1600

Conversions

Conversions Part 2

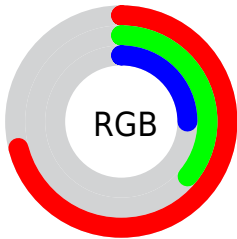
Format	Color
R_{YB}	181, 101, 64
Decimal	11885632
CIE _{Lab}	49.31, 33.67, 32.33
CIE _{LCh}	49, 46.679, 43.830
Yxy	17.8482, 0.4889, 0.3665
Android (android.graphics.Color)	4290075712 (0xFFB55C40)
YUV	115.4190, -25.3496, 57.5145
Hunter-Lab	42.2471, 26.6637, 19.6904

Details

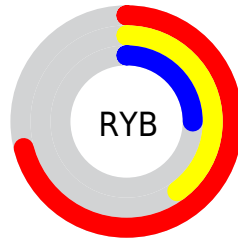
The Yxy color **17.8482, 0.4889, 0.3665** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **27.2107, 0.2255, 0.2809**, and the grayscale version is **17.3437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8395, 0.4484, 0.3629**, and **5.9857, 0.5571, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **15.5027, 0.5284, 0.3675**, and if you desaturate by 10%, it is **20.6961, 0.4507, 0.3627**.

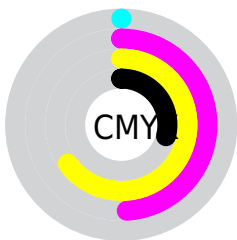
Distribution



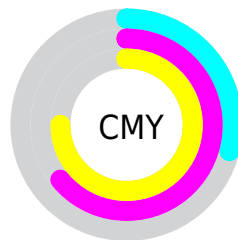
- Red (71%)
- Green (36%)
- Blue (25%)



- Red (71%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (65%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8482, 0.4889, 0.3665 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 17.8482, 0.4889, 0.3665 by changing the saturation by 10% instead.


 17.8482, 0.4889,
0.3665


 17.8482, 0.4889,
0.3665


240.0140, 0.3876,
0.3519


 10.8411, 0.5180,
0.3667


 39.7785, 0.4490,
0.3632


 5.9601, 0.5568,
0.3635

 55.4704, 0.4349,
0.3612

 2.8208, 0.6283,
0.3629

 74.8261, 0.4233,
0.3594

 1.0389, 0.6805,
0.3195

 98.2299, 0.4138,
0.3576

 0.0000, 1.0000,
0.0000

 126.0662, 0.4057,
0.3560

 0.0000, 0.0000,
0.0000

 158.7193, 0.3987,

0.3545

196.5738, 0.3928,
0.3532

■ 17.8482, 0.4889,
0.3665

■ 17.8482, 0.4889,
0.3665

■ 15.5027, 0.5284,
0.3675

■ 20.6961, 0.4507,
0.3627

■ 13.6264, 0.5655,
0.3648

■ 24.0710, 0.4160,
0.3573

■ 12.1864, 0.5960,
0.3581

■ 27.9995, 0.3857,
0.3509

■ 11.5744, 0.6097,
0.3541

■ 32.5053, 0.3599,
0.3443

■ 37.6108, 0.3382,
0.3378

■ 43.3371, 0.3201,
0.3317

■ 49.7043, 0.3049,
0.3260

■ 56.7317, 0.2923,
0.3208

■ 64.4376, 0.2817,
0.3160

Harmonies

Analogous

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



17.8482, 0.4530, 0.3045



17.8482, 0.4889, 0.3665



17.8482, 0.4679, 0.4300

Triad

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



17.8482, 0.4889, 0.3665



17.8482, 0.2436, 0.4313



17.8482, 0.2106, 0.1972

Complementary

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



17.8482, 0.4889, 0.3665



27.2107, 0.2255, 0.2809

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.



17.8482, 0.1718, 0.2083



17.8482, 0.4889, 0.3665



17.8482, 0.1867, 0.3326

Square

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



17.8482, 0.4889, 0.3665



17.8482, 0.3241, 0.4916



17.8482, 0.1634, 0.2519



17.8482, 0.2800, 0.2126

Rectangle

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



17.8482, 0.4889, 0.3665



17.8482, 0.4298, 0.4676



17.8482, 0.1634, 0.2519



17.8482, 0.1942, 0.1977

Sweetspot

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



17.8492, 0.4889, 0.3665



62.9429, 0.3479, 0.3408



15.8148, 0.3579, 0.2120



13.0546, 0.3541, 0.3427



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.8492, 0.4889, 0.3665



26.0952, 0.5462, 0.3667



31.9439, 0.4274, 0.4425



8.8245, 0.3281, 0.3345



8.0714, 0.6076, 0.3557



0.3455, 0.5534, 0.3988

Inverse Universe

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



27.2107, 0.2255, 0.2809



43.8746, 0.2133, 0.2680



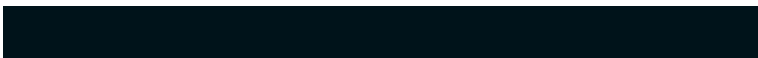
12.6483, 0.2006, 0.1742



9.2800, 0.2986, 0.3234



14.8804, 0.2031, 0.2510



0.5517, 0.2098, 0.2752

Previews

White Background



This preview shows how the Yxy color 17.8482, 0.4889, 0.3665 looks on a white 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

Black Background



This preview shows how the Yxy color 17.8482, 0.4889, 0.3665 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 17.8482, 0.4889, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 17.8482, 0.4889, 0.3665.



This preview shows how white text looks on a background with the Yxy color 17.8482, 0.4889, 0.3665.

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

17.8482, 0.4889, 0.3665

Protanopia

18.0271, 0.3811, 0.4142

Deuteranopia

17.9343, 0.4253, 0.4171



Tritanopia

17.8549, 0.4503, 0.3211

Trichromacy



Original Color

17.8482, 0.4889, 0.3665

Protanomaly

17.5825, 0.4191, 0.3960

Deuteranomaly

17.7092, 0.4495, 0.3981

Tritanomaly

17.7144, 0.4656, 0.3377

Monochromacy



Original Color

17.8482, 0.4889, 0.3665

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.8489, 0.3735, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8482, 0.4889, 0.3665 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(181, 92, 64)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 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(181, 92, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 64) }
```

Border

The CSS property to change the border of an element to Yxy 17.8482, 0.4889, 0.3665 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(181, 92, 64) }
```

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

```
.border{ border-color:rgb(181, 92, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 92, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 92, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 92, 64);  
box-shadow:4px 4px 4px 4px rgb(181, 92,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8482, 0.4889, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 92, 64) }
```

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

```
.background{ background-color: rgb(181, 92,  
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](#).

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