

Converting Colors

$Y_{xy}(17.8177, 0.5453, 0.3921)$

Have a look what the booklet for
Yxy(17.8177, 0.5453, 0.3921)
contains.

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Color

Yxy(17.8177, 0.5453, 0.3921)

Conversions

Conversions Part 1

Format	Color
Hex	BE5715
RGB	190, 87, 21
RGB Percent	75%, 34%, 8%
CMY	0.2549, 0.6588, 0.9175
CMYK	0.00, 0.54, 0.89, 0.25
HSL	23°, 80%, 41%
HSV	23°, 89%, 75%
XYZ	24.7794, 17.8177, 2.8447
YIQ	110.2730, 82.5740, 1.3100

Conversions

Conversions Part 2

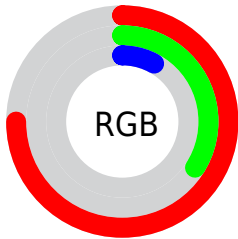
Format	Color
R_{YB}	190, 129, 21
Decimal	12474133
CIE _{Lab}	49.27, 38.06, 53.20
CIE _{LCh}	49, 65.409, 54.418
Yxy	17.8177, 0.5453, 0.3921
Android (android.graphics.Color)	4290664213 (0xFFBE5715)
YUV	110.2730, -44.0116, 69.9206
Hunter-Lab	42.2110, 30.9166, 25.5521

Details

The Yxy color **17.8177, 0.5453, 0.3921** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.3033, 0.1945, 0.2116**, and the grayscale version is **15.7888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6417, 0.4983, 0.3905**, and **5.9903, 0.5942, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **16.0413, 0.5701, 0.3844**, and if you desaturate by 10%, it is **19.9464, 0.5159, 0.3952**.

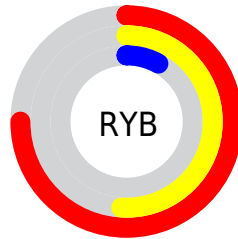
Distribution



Red (75%)

Green (34%)

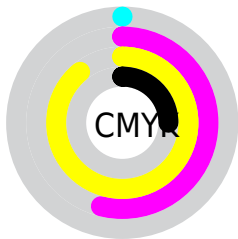
Blue (8%)



Red (75%)

Yellow (51%)

Blue (8%)

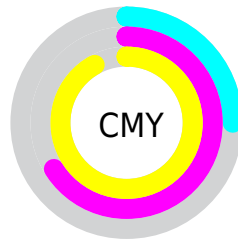


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (25%)



Cyan (25%)


Magenta (66%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8177, 0.5453, 0.3921 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 17.8177, 0.5453, 0.3921 by changing the saturation by 10% instead.


 17.8177, 0.5453,
0.3921


 17.8177, 0.5453,
0.3921


239.8415, 0.4183,
0.3728


 10.8192, 0.5754,
0.3881


 39.7264, 0.4989,
0.3906


 5.9454, 0.6186,
0.3814

 55.4055, 0.4813,
0.3881

 2.8119, 0.6501,
0.3499

 74.7468, 0.4664,
0.3854

 1.0343, 0.7002,
0.2998

 98.1348, 0.4538,
0.3826


 0.0000, 1.0000,
0.0000


 125.9538, 0.4430,
0.3799

 0.0000, 0.0000,
0.0000


 158.5884, 0.4336,


0.3774


 196.4228, 0.4255,
0.3750


 17.8177, 0.5453,
0.3921


 17.8177, 0.5453,
0.3921


 16.0413, 0.5701,
0.3844


 19.9464, 0.5159,
0.3952

 15.8683, 0.5727,
0.3835

 22.4520, 0.4838,
0.3932

 25.3562, 0.4514,
0.3874

 28.6780, 0.4205,
0.3789

 32.4348, 0.3925,
0.3689

■ 36.6428, 0.3675,
0.3583

■ 41.3175, 0.3458,
0.3478

■ 46.4735, 0.3271,
0.3376

■ 52.1246, 0.3111,
0.3280

Harmonies

Analogous

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



17.8177, 0.5337, 0.3156



17.8177, 0.5453, 0.3921



17.8177, 0.4845, 0.4766

Triad

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



17.8177, 0.5453, 0.3921



17.8177, 0.1840, 0.4263



17.8177, 0.2037, 0.1627

Complementary

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



17.8177, 0.5453, 0.3921



18.3033, 0.1945, 0.2116

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.



17.8177, 0.1438, 0.1621



17.8177, 0.5453, 0.3921



17.8177, 0.1314, 0.2823

Square

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



17.8177, 0.5453, 0.3921



17.8177, 0.2781, 0.5487



17.8177, 0.1207, 0.1964



17.8177, 0.3069, 0.1920

Rectangle

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



17.8177, 0.5453, 0.3921



17.8177, 0.4215, 0.5303



17.8177, 0.1207, 0.1964



17.8177, 0.1791, 0.1592

Sweetspot

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



17.8187, 0.5453, 0.3921



67.6066, 0.3641, 0.3568



12.9719, 0.4286, 0.2204



14.2367, 0.3722, 0.3604



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



17.8187, 0.5453, 0.3921



28.3070, 0.5754, 0.3813



39.8596, 0.4356, 0.4850



10.1309, 0.3279, 0.3380



10.6943, 0.5703, 0.3854



0.5468, 0.5260, 0.4205

Inverse Universe

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



18.3033, 0.1945, 0.2116



28.8013, 0.1870, 0.1932



5.4467, 0.1597, 0.0837



10.1671, 0.2984, 0.3198



10.9070, 0.1882, 0.1974



0.5509, 0.1979, 0.2324

Previews

White Background



This preview shows how the Yxy color 17.8177, 0.5453, 0.3921 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 17.8177, 0.5453, 0.3921 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 17.8177, 0.5453, 0.3921

Background



This preview shows how black text looks on a background with the Yxy color 17.8177, 0.5453, 0.3921.



This preview shows how white text looks on a background with the Yxy color 17.8177, 0.5453, 0.3921.

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

17.8177, 0.5453, 0.3921

Protanopia

17.9511, 0.4274, 0.4731

Deuteranopia

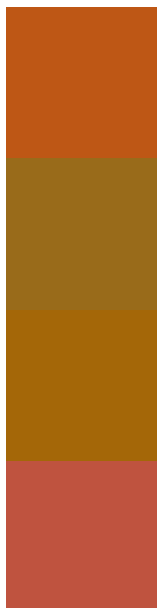
17.9779, 0.4703, 0.4648



Tritanopia

17.7794, 0.4780, 0.3219

Trichromacy



Original Color

17.8177, 0.5453, 0.3921

Protanomaly

17.3623, 0.4729, 0.4419

Deuteranomaly

17.6105, 0.5004, 0.4361

Tritanomaly

17.6218, 0.5110, 0.3534

Monochromacy



Original Color

17.8177, 0.5453, 0.3921

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.5418, 0.4028, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8177, 0.5453, 0.3921 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(190, 87, 21)` looks like.

```
.text, #text, p{  
    color:rgb(190, 87, 21)  
}
```

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(190, 87, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 87, 21) }
```

Border

The CSS property to change the border of an element to Yxy 17.8177, 0.5453, 0.3921 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(190, 87, 21) }
```

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

```
.border{ border-color:rgb(190, 87, 21) }
```

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

Here you see how a box with a 4 pixel rgb(190, 87, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 87, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 87, 21);  
box-shadow:4px 4px 4px 4px rgb(190, 87,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8177, 0.5453, 0.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 87, 21) }
```

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

```
.background{ background-color: rgb(190, 87,  
21) }
```

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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