

Converting Colors

$Y_{xy}(17.8217, 0.5176, 0.4014)$

Have a look what the booklet for
Yxy(17.8217, 0.5176, 0.4014)
contains.

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Color

Yxy(17.6934, 0.5179, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	B35E20
RGB	179, 94, 32
RGB Percent	70%, 37%, 13%
CMY	0.2981, 0.6313, 0.8744
CMYK	0.00, 0.47, 0.82, 0.30
HSL	25°, 70%, 41%
HSV	25°, 82%, 70%
XYZ	22.8514, 17.6934, 3.5784
YIQ	112.3470, 70.5620, -1.2620

Conversions

Conversions Part 2

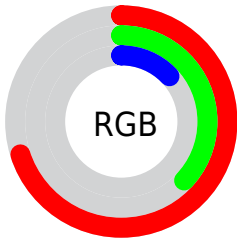
Format	Color
R_{YB}	179, 139, 32
Decimal	11755040
CIE Lab	49.12, 30.21, 48.22
CIE LCh	49, 56.897, 57.934
Yxy	17.6934, 0.5179, 0.4010
Android (android.graphics.Color)	4289945120 (0xFFB35E20)
YUV	112.3470, -39.6111, 58.4547
Hunter-Lab	42.0635, 23.3606, 24.4006

Details

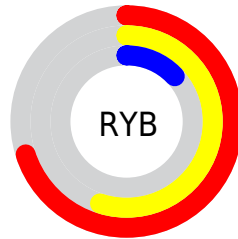
The Yxy color **17.6934, 0.5179, 0.4010** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **16.2809, 0.1976, 0.2132**, and the grayscale version is **16.4155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3853, 0.4756, 0.3937**, and **5.9471, 0.5680, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **15.9030, 0.5445, 0.3970**, and if you desaturate by 10%, it is **19.7853, 0.4880, 0.3998**.

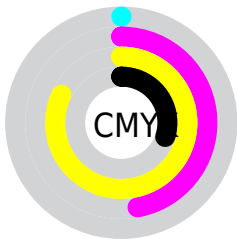
Distribution



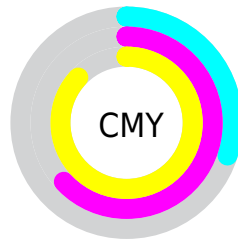
- Red (70%)
- Green (37%)
- Blue (13%)



- Red (70%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (47%)
- Yellow (82%)
- Black (30%)




- Cyan (30%)
- Magenta (63%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6934, 0.5179, 0.4010 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 17.6934, 0.5179, 0.4010 by changing the saturation by 10% instead.


 17.6934, 0.5179,
0.4010


 17.6934, 0.5179,
0.4010


239.1372, 0.4042,
0.3725


 10.7301, 0.5463,
0.4014


 39.5142, 0.4754,
0.3945


 5.8856, 0.5888,
0.4017

 55.1405, 0.4596,
0.3907

 2.7757, 0.6213,
0.3787

 74.4232, 0.4464,
0.3870

 1.0158, 0.6654,
0.3346

 97.7467, 0.4352,
0.3835

 0.0000, 1.0000,
0.0000

 125.4955, 0.4257,
0.3804

 0.0000, 0.0000,
0.0000

 158.0539, 0.4175,

0.3775

195.8063, 0.4104,
0.3748

17.6934, 0.5179,
0.4010

17.6934, 0.5179,
0.4010

15.9030, 0.5445,
0.3970

19.7853, 0.4880,
0.3998

14.6827, 0.5631,
0.3911

22.1927, 0.4570,
0.3943

24.9314, 0.4270,
0.3858

28.0153, 0.3991,
0.3754

31.4573, 0.3740,
0.3641

■ 35.2695, 0.3519,
0.3527

■ 39.4635, 0.3326,
0.3416

■ 44.0502, 0.3159,
0.3311

■ 49.0400, 0.3016,
0.3213

Harmonies

Analogous

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



17.6934, 0.5123, 0.3288



17.6934, 0.5179, 0.4010



17.6934, 0.4621, 0.4756

Triad

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



17.6934, 0.5179, 0.4010



17.6934, 0.1919, 0.3981



17.6934, 0.2248, 0.1801

Complementary

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



17.6934, 0.5179, 0.4010



16.2809, 0.1976, 0.2132

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.



17.6934, 0.1645, 0.1769



17.6934, 0.5179, 0.4010



17.6934, 0.1465, 0.2787

Square

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



17.6934, 0.5179, 0.4010



17.6934, 0.2748, 0.5088



17.6934, 0.1391, 0.2059



17.6934, 0.3216, 0.2103

Rectangle

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



17.6934, 0.5179, 0.4010



17.6934, 0.4049, 0.5169



17.6934, 0.1391, 0.2059



17.6934, 0.2005, 0.1759

Sweetspot

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



17.6944, 0.5179, 0.4010



60.8433, 0.3589, 0.3565



11.9178, 0.4262, 0.2272



12.9546, 0.3666, 0.3605



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.



17.6944, 0.5179, 0.4010



26.1369, 0.5636, 0.3898



37.2274, 0.4254, 0.4855



9.0749, 0.3277, 0.3386



10.5006, 0.5610, 0.3927



0.4469, 0.5121, 0.4316

Inverse Universe

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



16.2809, 0.1976, 0.2132



23.2108, 0.1846, 0.1840



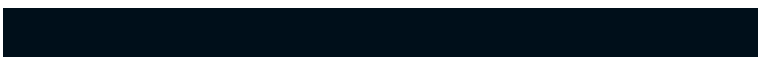
5.3826, 0.1657, 0.0925



9.0188, 0.2985, 0.3192



9.3547, 0.1852, 0.1868



0.4068, 0.1974, 0.2307

Previews

White Background



This preview shows how the Yxy color 17.6934, 0.5179, 0.4010 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 17.6934, 0.5179, 0.4010 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 17.6934, 0.5179, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 17.6934, 0.5179, 0.4010.



This preview shows how white text looks on a background with the Yxy color 17.6934, 0.5179, 0.4010.

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

17.6934, 0.5179, 0.4010

Protanopia

17.9221, 0.4199, 0.4649

Deuteranopia

17.7350, 0.4611, 0.4524



Tritanopia

17.7327, 0.4490, 0.3210

Trichromacy



Original Color

17.6934, 0.5179, 0.4010

Protanomaly

17.3606, 0.4565, 0.4403

Deuteranomaly

17.5579, 0.4821, 0.4327

Tritanomaly

17.5910, 0.4814, 0.3551

Monochromacy



Original Color

17.6934, 0.5179, 0.4010

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

15.9619, 0.3889, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6934, 0.5179, 0.4010 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(179, 94, 32)` looks like.

```
.text, #text, p{  
    color:rgb(179, 94, 32)  
}
```

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(179, 94, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 94, 32) }
```

Border

The CSS property to change the border of an element to Yxy 17.6934, 0.5179, 0.4010 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(179, 94, 32) }
```

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

```
.border{ border-color:rgb(179, 94, 32) }
```

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

Here you see how a box with a 4 pixel rgb(179, 94, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 94, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 94, 32);  
box-shadow:4px 4px 4px 4px rgb(179, 94,  
32) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6934, 0.5179, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 94, 32) }
```

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

```
.background{ background-color: rgb(179, 94,  
32) }
```

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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