

Converting Colors

$Y_{xy}(17.2052, 0.5483, 0.4388)$

Have a look what the booklet for
Yxy(17.2052, 0.5483, 0.4388)
contains.

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Color

Yxy(17.2984, 0.5276, 0.4192)

Conversions

Conversions Part 1

Format	Color
Hex	AF5F00
RGB	175, 95, 0
RGB Percent	69%, 37%, 0%
CMY	0.3137, 0.6274, 0.9995
CMYK	0.00, 0.46, 1.00, 0.31
HSL	33°, 100%, 34%
HSV	33°, 100%, 69%
XYZ	21.7716, 17.2984, 2.1953
YIQ	108.0900, 78.1750, -12.5850

Conversions

Conversions Part 2

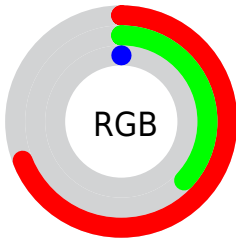
Format	Color
RYB	147, 175, 0
Decimal	11493120
CIELab	48.63, 27.33, 57.00
CIELCh	49, 63.218, 64.381
Yxy	17.2984, 0.5276, 0.4192
Android (android.graphics.Color)	4289683200 (0xFFAF5F00)
YUV	108.0900, -53.2884, 58.6801
Hunter-Lab	41.5913, 20.6534, 25.9844

Details

The Yxy color **17.2984, 0.5276, 0.4192** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **8.8524, 0.1736, 0.1447**, and the grayscale version is **15.1640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7276, 0.4867, 0.4123**, and **5.7460, 0.5614, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **17.2875, 0.5277, 0.4192**, and if you desaturate by 10%, it is **18.8588, 0.5087, 0.4238**.

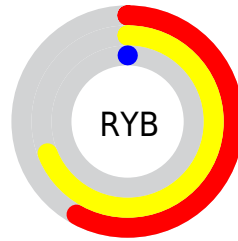
Distribution



Red (69%)

Green (37%)

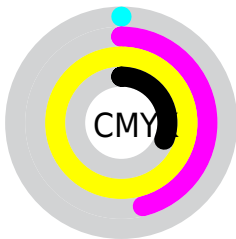
Blue (0%)



Red (58%)

Yellow (69%)

Blue (0%)

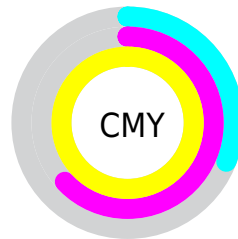


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2984, 0.5276, 0.4192 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 17.2984, 0.5276, 0.4192 by changing the saturation by 10% instead.


 17.2984, 0.5276,
0.4192

 17.2984, 0.5276,
0.4192


236.8861, 0.4122,
0.3844


 10.4475, 0.5539,
0.4192


 38.8381, 0.4864,
0.4120

 5.6966, 0.5861,
0.4139

 54.2957, 0.4704,
0.4074


 2.6615, 0.6115,
0.3885

 73.3910, 0.4568,
0.4028

 0.9577, 0.6539,
0.3461

 96.5083, 0.4452,
0.3985

 0.0000, 1.0000,
0.0000


 124.0321, 0.4351,
0.3945


 0.0000, 0.0000,
0.0000


 156.3467, 0.4265,


0.3908


 193.8366, 0.4189,
0.3875


 17.2984, 0.5276,
0.4192

 17.2984, 0.5276,
0.4192

 17.2875, 0.5277,
0.4192

 18.8588, 0.5087,
0.4238

 20.6083, 0.4869,
0.4240

 22.5662, 0.4627,
0.4191

 24.7434, 0.4373,
0.4102

 27.1494, 0.4122,
0.3983

■ 29.7929, 0.3883,
0.3848

■ 32.6820, 0.3662,
0.3705

■ 35.8244, 0.3462,
0.3561

■ 39.2274, 0.3284,
0.3422

Harmonies

Analogous

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



17.2984, 0.5424, 0.3410



17.2984, 0.5276, 0.4192



17.2984, 0.4530, 0.5022

Triad

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



17.2984, 0.5276, 0.4192



17.2984, 0.1645, 0.3736



17.2984, 0.2349, 0.1721

Complementary

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



17.2984, 0.5276, 0.4192



8.8524, 0.1736, 0.1447

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.



17.2984, 0.1620, 0.1618



17.2984, 0.5276, 0.4192



17.2984, 0.1270, 0.2490

Square

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



17.2984, 0.5276, 0.4192



17.2984, 0.2457, 0.5138



17.2984, 0.1278, 0.1832



17.2984, 0.3487, 0.2099

Rectangle

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



17.2984, 0.5276, 0.4192



17.2984, 0.3866, 0.5463



17.2984, 0.1278, 0.1832



17.2984, 0.2058, 0.1655

Sweetspot

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



17.2993, 0.5276, 0.4192



58.2125, 0.3675, 0.3714



9.7218, 0.5090, 0.2578



12.4536, 0.3764, 0.3773



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



17.2993, 0.5276, 0.4192



30.5205, 0.5300, 0.4173



39.1126, 0.4135, 0.5098



8.7082, 0.3273, 0.3413



12.5049, 0.5262, 0.4204



0.4556, 0.4858, 0.4524

Inverse Universe

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



8.8524, 0.1736, 0.1447



15.4081, 0.1727, 0.1416



3.1366, 0.1511, 0.0607



8.3382, 0.2986, 0.3164



6.4514, 0.1741, 0.1466



0.2897, 0.1905, 0.2058

Previews

White Background



This preview shows how the Yxy color 17.2984, 0.5276, 0.4192 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 17.2984, 0.5276, 0.4192 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.2984, 0.5276, 0.4192

Background



This preview shows how black text looks on a background with the Yxy color 17.2984, 0.5276, 0.4192.



This preview shows how white text looks on a background with the Yxy color 17.2984, 0.5276, 0.4192.

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

17.2984, 0.5276, 0.4192

Protanopia

17.3478, 0.4361, 0.4823

Deuteranopia

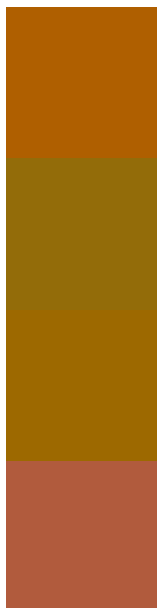
17.3549, 0.4710, 0.4642



Tritanopia

17.2706, 0.4422, 0.3193

Trichromacy



Original Color

17.2984, 0.5276, 0.4192

Protanomaly

16.9479, 0.4714, 0.4580

Deuteranomaly

17.2712, 0.4916, 0.4479

Tritanomaly

17.1662, 0.4894, 0.3699

Monochromacy



Original Color

17.2984, 0.5276, 0.4192

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.0357, 0.4043, 0.3937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2984, 0.5276, 0.4192 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(175, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 95, 0)  
}
```

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(175, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 95, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.2984, 0.5276, 0.4192 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(175, 95, 0) }
```

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

```
.border{ border-color:rgb(175, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(175, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 95, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.2984, 0.5276, 0.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 95, 0) }
```

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

```
.background{ background-color: rgb(175, 95,  
0) }
```

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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