

Converting Colors

$Y_{xy}(17.4305, 0.5103, 0.4083)$

Have a look what the booklet for
Yxy(17.4305, 0.5103, 0.4083)
contains.

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Color

Yxy(17.4582, 0.5113, 0.4081)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AE601E |
| RGB | 174, 96, 30 |
| RGB Percent | 68%, 38%, 12% |
| CMY | 0.3177, 0.6235, 0.8822 |
| CMYK | 0.00, 0.45, 0.83, 0.32 |
| HSL | 27°, 71%, 40% |
| HSV | 27°, 83%, 68% |
| XYZ | 21.8730, 17.4582, 3.4480 |
| YIQ | 111.7980, 67.6740, -3.9900 |

Conversions

Conversions Part 2

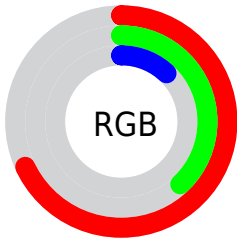
| Format | Color |
|-------------------------------------|---|
| RYB | 174, 152, 30 |
| Decimal | 11427870 |
| CIELab | 48.83, 26.95, 48.50 |
| CIElCh | 49, 55.491, 60.939 |
| Yxy | 17.4582, 0.5113, 0.4081 |
| Android (android.graphics.Color) | 4289617950 (0xFFAE601E) |
| YUV | 111.7980, -40.3264, 54.5512 |
| Hunter-Lab | 41.7830, 20.3228, 24.3554 |

Details

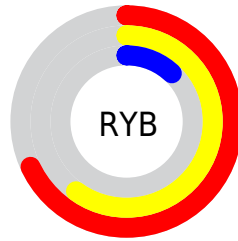
The Yxy color **17.4582, 0.5113, 0.4081** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.0654, 0.1944, 0.2019**, and the grayscale version is **16.2485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9390, 0.4702, 0.3996**, and **5.8269, 0.5590, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **15.7749, 0.5361, 0.4046**, and if you desaturate by 10%, it is **19.3987, 0.4833, 0.4064**.

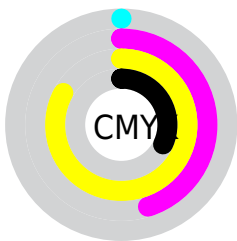
Distribution



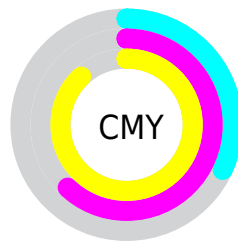
- Red (68%)
- Green (38%)
- Blue (12%)



- Red (68%)
- Yellow (60%)
- Blue (12%)



- Cyan (0%)
- Magenta (45%)
- Yellow (83%)
- Black (32%)





- Cyan (32%)
- Magenta (62%)
- Yellow (88%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4582, 0.5113, 0.4081 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 17.4582, 0.5113, 0.4081 by changing the saturation by 10% instead.


 17.4582, 0.5113,
0.4081


 17.4582, 0.5113,
0.4081


237.7992, 0.4013,
0.3750


 10.5617, 0.5386,
0.4099


 39.1119, 0.4703,
0.3997


 5.7730, 0.5809,
0.4131


 54.6379, 0.4550,
0.3953

 2.7075, 0.6093,
0.3907


 73.8093, 0.4422,
0.3910

 0.9810, 0.6509,
0.3491

 97.0103, 0.4314,
0.3872


 0.0000, 1.0000,
0.0000

 124.6254, 0.4222,
0.3836


 0.0000, 0.0000,
0.0000

 157.0390, 0.4143,

0.3804

 194.6354, 0.4074,
0.3776

 17.4582, 0.5113,
0.4081


 17.4582, 0.5113,
0.4081

 15.7749, 0.5361,
0.4046


 19.3987, 0.4833,
0.4064

 14.6960, 0.5522,
0.3997

 21.6077, 0.4542,
0.4003

 24.0985, 0.4256,
0.3910

 26.8827, 0.3988,
0.3798

 29.9709, 0.3744,
0.3677

■ 33.3732, 0.3526,
0.3554

■ 37.0990, 0.3335,
0.3434

■ 41.1574, 0.3169,
0.3320

■ 45.5571, 0.3024,
0.3213

Harmonies

Analogous

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



17.4582, 0.5124, 0.3363



17.4582, 0.5113, 0.4081



17.4582, 0.4524, 0.4807

Triad

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



17.4582, 0.5113, 0.4081



17.4582, 0.1878, 0.3839



17.4582, 0.2344, 0.1842

Complementary

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



17.4582, 0.5113, 0.4081



14.0654, 0.1944, 0.2019

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.



17.4582, 0.1711, 0.1783



17.4582, 0.5113, 0.4081



17.4582, 0.1469, 0.2705

Square

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



17.4582, 0.5113, 0.4081



17.4582, 0.2666, 0.4969



17.4582, 0.1428, 0.2036



17.4582, 0.3327, 0.2165

Rectangle

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



17.4582, 0.5113, 0.4081



17.4582, 0.3949, 0.5181



17.4582, 0.1428, 0.2036



17.4582, 0.2092, 0.1792

Sweetspot

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



17.4591, 0.5113, 0.4081



58.8079, 0.3582, 0.3587



11.0381, 0.4375, 0.2334



12.5957, 0.3657, 0.3630



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.



17.4591, 0.5113, 0.4081



26.4759, 0.5529, 0.3984



36.6568, 0.4209, 0.4902



8.5973, 0.3275, 0.3394



10.7754, 0.5504, 0.4012



0.4100, 0.5010, 0.4404

Inverse Universe

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



14.0654, 0.1944, 0.2019



19.9729, 0.1811, 0.1715



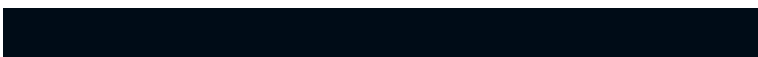
4.6708, 0.1638, 0.0865



8.4491, 0.2986, 0.3184



8.1778, 0.1818, 0.1745



0.3353, 0.1961, 0.2260

Previews

White Background



This preview shows how the Yxy color 17.4582, 0.5113, 0.4081 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 17.4582, 0.5113, 0.4081 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 17.4582, 0.5113, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 17.4582, 0.5113, 0.4081.



This preview shows how white text looks on a background with the Yxy color 17.4582, 0.5113, 0.4081.

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

17.4582, 0.5113, 0.4081

Protanopia

17.6692, 0.4234, 0.4668

Deuteranopia

17.6338, 0.4609, 0.4547



Tritanopia

17.5040, 0.4378, 0.3207

Trichromacy



Original Color

17.4582, 0.5113, 0.4081

Protanomaly

17.2501, 0.4575, 0.4439

Deuteranomaly

17.5507, 0.4794, 0.4372

Tritanomaly

17.3523, 0.4719, 0.3576

Monochromacy



Original Color

17.4582, 0.5113, 0.4081

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.0682, 0.3882, 0.3742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4582, 0.5113, 0.4081 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(174, 96, 30)` looks like.

```
.text, #text, p{  
    color:rgb(174, 96, 30)  
}
```

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(174, 96, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 96, 30) }
```

Border

The CSS property to change the border of an element to Yxy 17.4582, 0.5113, 0.4081 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(174, 96, 30) }
```

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

```
.border{ border-color:rgb(174, 96, 30) }
```

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

Here you see how a box with a 4 pixel rgb(174, 96, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 96, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 96, 30);  
box-shadow:4px 4px 4px 4px rgb(174, 96,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4582, 0.5113, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 96, 30) }
```

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

```
.background{ background-color: rgb(174, 96,  
30) }
```

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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