

Converting Colors

$Y_{xy}(17.1225, 0.5117, 0.4070)$

Have a look what the booklet for
Yxy(17.1225, 0.5117, 0.4070)
contains.

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Color

Yxy(17.1624, 0.5118, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	AD5F1E
RGB	173, 95, 30
RGB Percent	68%, 37%, 12%
CMY	0.3216, 0.6274, 0.8824
CMYK	0.00, 0.45, 0.83, 0.32
HSL	27°, 70%, 40%
HSV	27°, 83%, 68%
XYZ	21.5604, 17.1624, 3.4038
YIQ	110.9120, 67.3530, -3.6790

Conversions

Conversions Part 2

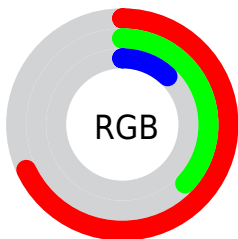
Format	Color
RYB	173, 149, 30
Decimal	11362078
CIELab	48.46, 27.07, 48.14
CIElCh	48, 55.232, 60.647
Yxy	17.1624, 0.5118, 0.4074
Android (android.graphics.Color)	4289552158 (0xFFAD5F1E)
YUV	110.9120, -39.8896, 54.4512
Hunter-Lab	41.4275, 20.3999, 24.1278

Details

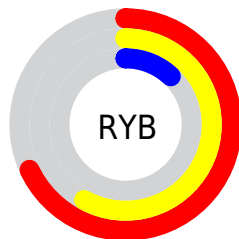
The Yxy color **17.1624, 0.5118, 0.4074** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.0157, 0.1948, 0.2032**, and the grayscale version is **15.9731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4606, 0.4702, 0.3989**, and **5.6779, 0.5602, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **15.4996, 0.5368, 0.4039**, and if you desaturate by 10%, it is **19.0814, 0.4836, 0.4057**.

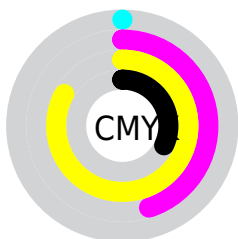
Distribution



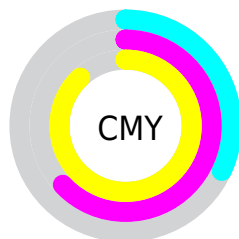
- Red (68%)
- Green (37%)
- Blue (12%)



- Red (68%)
- Yellow (58%)
- Blue (12%)



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





- Cyan (32%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1624, 0.5118, 0.4074 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 17.1624, 0.5118, 0.4074 by changing the saturation by 10% instead.


 17.1624, 0.5118,
0.4074


 17.1624, 0.5118,
0.4074


236.1065, 0.4012,
0.3746

 10.3503, 0.5394,
0.4090


 38.6048, 0.4705,
0.3992


 5.6319, 0.5828,
0.4125

 54.0039, 0.4551,
0.3947

 2.6225, 0.6110,
0.3890

 73.0342, 0.4422,
0.3905

 0.9380, 0.6536,
0.3464

 96.0800, 0.4314,
0.3867


 0.0000, 1.0000,
0.0000


 123.5257, 0.4221,
0.3832

 0.0000, 0.0000,
0.0000


 155.7558, 0.4142,

0.3800

 193.1546, 0.4073,
0.3771


 17.1624, 0.5118,
0.4074


 17.1624, 0.5118,
0.4074

 15.4996, 0.5368,
0.4039


 19.0814, 0.4836,
0.4057

 14.4257, 0.5532,
0.3989

 21.2678, 0.4544,
0.3996

 23.7351, 0.4256,
0.3905

 26.4945, 0.3987,
0.3794

 29.5569, 0.3743,
0.3673

■ 32.9322, 0.3525,
0.3551

■ 36.6298, 0.3334,
0.3432

■ 40.6589, 0.3168,
0.3319

■ 45.0281, 0.3023,
0.3213

Harmonies

Analogous

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



17.1624, 0.5122, 0.3356



17.1624, 0.5118, 0.4074



17.1624, 0.4533, 0.4801

Triad

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



17.1624, 0.5118, 0.4074



17.1624, 0.1883, 0.3852



17.1624, 0.2335, 0.1839

Complementary

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



17.1624, 0.5118, 0.4074



14.0157, 0.1948, 0.2032

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.



17.1624, 0.1706, 0.1783



17.1624, 0.5118, 0.4074



17.1624, 0.1469, 0.2714

Square

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



17.1624, 0.5118, 0.4074



17.1624, 0.2674, 0.4979



17.1624, 0.1425, 0.2039



17.1624, 0.3316, 0.2160

Rectangle

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



17.1624, 0.5118, 0.4074



17.1624, 0.3958, 0.5179



17.1624, 0.1425, 0.2039



17.1624, 0.2084, 0.1789

Sweetspot

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



17.1633, 0.5118, 0.4074



57.2457, 0.3583, 0.3585



10.9091, 0.4372, 0.2334



11.9930, 0.3656, 0.3626



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



17.1633, 0.5118, 0.4074



25.6639, 0.5539, 0.3976



36.1965, 0.4208, 0.4901



8.5926, 0.3275, 0.3393



10.7090, 0.5515, 0.4003



0.4081, 0.5017, 0.4399

Inverse Universe

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



14.0157, 0.1948, 0.2032



19.6851, 0.1815, 0.1729



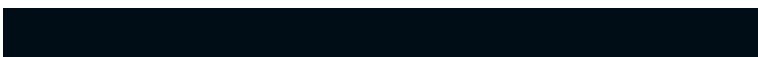
4.6250, 0.1639, 0.0867



8.4538, 0.2986, 0.3184



8.2594, 0.1821, 0.1757



0.3373, 0.1964, 0.2268

Previews

White Background



This preview shows how the Yxy color 17.1624, 0.5118, 0.4074 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 17.1624, 0.5118, 0.4074 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 17.1624, 0.5118, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 17.1624, 0.5118, 0.4074.



This preview shows how white text looks on a background with the Yxy color 17.1624, 0.5118, 0.4074.

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

17.1624, 0.5118, 0.4074

Protanopia

17.3580, 0.4233, 0.4663

Deuteranopia

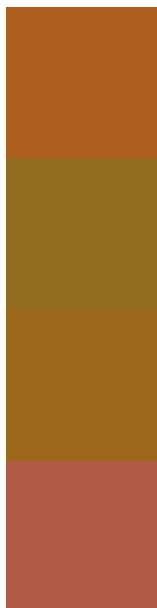
17.3247, 0.4611, 0.4543



Tritanopia

17.2011, 0.4388, 0.3206

Trichromacy



Original Color

17.1624, 0.5118, 0.4074

Protanomaly

16.9459, 0.4576, 0.4433

Deuteranomaly

17.2457, 0.4797, 0.4366

Tritanomaly

17.0511, 0.4732, 0.3577

Monochromacy



Original Color

17.1624, 0.5118, 0.4074

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.7807, 0.3874, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1624, 0.5118, 0.4074 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(173, 95, 30)` looks like.

```
.text, #text, p{  
    color:rgb(173, 95, 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(173, 95, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 95, 30) }
```

Border

The CSS property to change the border of an element to Yxy 17.1624, 0.5118, 0.4074 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(173, 95, 30) }
```

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

```
.border{ border-color:rgb(173, 95, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 95, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 95, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 95, 30);  
box-shadow:4px 4px 4px 4px rgb(173, 95,  
30) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1624, 0.5118, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 95, 30) }
```

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

```
.background{ background-color: rgb(173, 95,  
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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