

Converting Colors

$Y_{xy}(17.1343, 0.5163, 0.4050)$

Have a look what the booklet for
Yxy(17.1343, 0.5163, 0.4050)
contains.

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Color

Yxy(17.2081, 0.5161, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	AF5E1D
RGB	175, 94, 29
RGB Percent	69%, 37%, 11%
CMY	0.3138, 0.6313, 0.8864
CMYK	0.00, 0.46, 0.83, 0.31
HSL	27°, 72%, 40%
HSV	27°, 83%, 69%
XYZ	21.9016, 17.2081, 3.3270
YIQ	110.8090, 69.1410, -3.0430

Conversions

Conversions Part 2

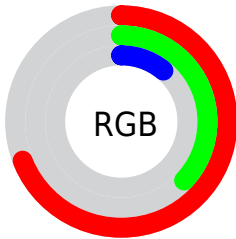
Format	Color
R_{YB}	175, 146, 29
Decimal	11492893
CIE Lab	48.52, 28.43, 48.72
CIE LCh	49, 56.405, 59.735
Yxy	17.2081, 0.5161, 0.4055
Android (android.graphics.Color)	4289682973 (0xFFAF5E1D)
YUV	110.8090, -40.3318, 56.2955
Hunter-Lab	41.4826, 21.6481, 24.2826

Details

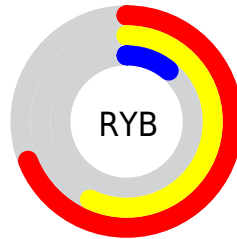
The Yxy color **17.2081, 0.5161, 0.4055** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.4942, 0.1947, 0.2044**, and the grayscale version is **15.9421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6482, 0.4746, 0.3976**, and **5.7359, 0.5648, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **15.5268, 0.5411, 0.4014**, and if you desaturate by 10%, it is **19.1574, 0.4877, 0.4044**.

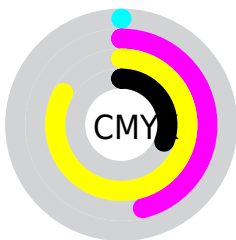
Distribution



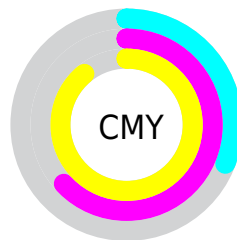
- Red (69%)
- Green (37%)
- Blue (11%)



- Red (69%)
- Yellow (57%)
- Blue (11%)



- Cyan (0%)
- Magenta (46%)
- Yellow (83%)
- Black (31%)





- Cyan (31%)
- Magenta (63%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2081, 0.5161, 0.4055 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 17.2081, 0.5161, 0.4055 by changing the saturation by 10% instead.


 17.2081, 0.5161,
0.4055


 17.2081, 0.5161,
0.4055


236.3688, 0.4033,
0.3743


 10.3830, 0.5441,
0.4064


 38.6832, 0.4740,
0.3981


 5.6536, 0.5886,
0.4091

 54.1020, 0.4583,
0.3939


 2.6356, 0.6163,
0.3837

 73.1541, 0.4452,
0.3899

 0.9446, 0.6601,
0.3399

 96.2240, 0.4342,
0.3861

 0.0000, 1.0000,
0.0000


 123.6960, 0.4247,
0.3827


 0.0000, 0.0000,
0.0000

 155.9545, 0.4166,

0.3797


 193.3840, 0.4095,
0.3769


 17.2081, 0.5161,
0.4055


 17.2081, 0.5161,
0.4055

 15.5268, 0.5411,
0.4014


 19.1574, 0.4877,
0.4044

 14.5547, 0.5560,
0.3967

 21.3868, 0.4579,
0.3989

 23.9105, 0.4287,
0.3901

 26.7408, 0.4013,
0.3793

 29.8890, 0.3764,
0.3676

■ 33.3658, 0.3543,
0.3556

■ 37.1812, 0.3349,
0.3439

■ 41.3449, 0.3180,
0.3327

■ 45.8661, 0.3034,
0.3222

Harmonies

Analogous

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



17.2081, 0.5149, 0.3330



17.2081, 0.5161, 0.4055



17.2081, 0.4575, 0.4799

Triad

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



17.2081, 0.5161, 0.4055



17.2081, 0.1879, 0.3902



17.2081, 0.2295, 0.1812

Complementary

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



17.2081, 0.5161, 0.4055



14.4942, 0.1947, 0.2044

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.



17.2081, 0.1670, 0.1762



17.2081, 0.5161, 0.4055



17.2081, 0.1450, 0.2728

Square

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



17.2081, 0.5161, 0.4055



17.2081, 0.2690, 0.5044



17.2081, 0.1396, 0.2030



17.2081, 0.3284, 0.2129

Rectangle

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



17.2081, 0.5161, 0.4055



17.2081, 0.3993, 0.5198



17.2081, 0.1396, 0.2030



17.2081, 0.2045, 0.1764

Sweetspot

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



17.2090, 0.5161, 0.4055



58.4820, 0.3584, 0.3579



11.1531, 0.4338, 0.2301



12.5158, 0.3659, 0.3621



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.



17.2090, 0.5161, 0.4055



25.6494, 0.5588, 0.3945



36.2033, 0.4238, 0.4886



8.5807, 0.3276, 0.3391



10.5436, 0.5541, 0.3983



0.4035, 0.5034, 0.4385

Inverse Universe

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



14.4942, 0.1947, 0.2044



20.4269, 0.1818, 0.1743



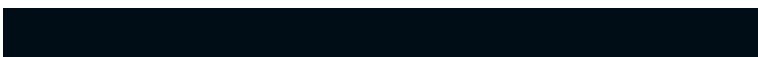
4.7867, 0.1636, 0.0874



8.4659, 0.2986, 0.3187



8.4689, 0.1830, 0.1788



0.3426, 0.1970, 0.2290

Previews

White Background



This preview shows how the Yxy color 17.2081, 0.5161, 0.4055 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 17.2081, 0.5161, 0.4055 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 17.2081, 0.5161, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 17.2081, 0.5161, 0.4055.



This preview shows how white text looks on a background with the Yxy color 17.2081, 0.5161, 0.4055.

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

17.2081, 0.5161, 0.4055

Protanopia

17.3580, 0.4233, 0.4663

Deuteranopia

17.3170, 0.4621, 0.4556



Tritanopia

17.2526, 0.4438, 0.3208

Trichromacy



Original Color

17.2081, 0.5161, 0.4055

Protanomaly

16.9459, 0.4576, 0.4433

Deuteranomaly

17.1347, 0.4837, 0.4357

Tritanomaly

17.1016, 0.4781, 0.3572

Monochromacy



Original Color

17.2081, 0.5161, 0.4055

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.7656, 0.3888, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2081, 0.5161, 0.4055 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, 94, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 94, 29)  
}
```

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, 94, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 94, 29) }
```

Border

The CSS property to change the border of an element to Yxy 17.2081, 0.5161, 0.4055 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, 94, 29) }
```

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

```
.border{ border-color:rgb(175, 94, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 94, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 94, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 94, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 94,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2081, 0.5161, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 94, 29) }
```

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

```
.background{ background-color: rgb(175, 94,  
29) }
```

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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