

Converting Colors

$Y_{xy}(17.0528, 0.3676, 0.5180)$

Have a look what the booklet for
Yxy(17.0528, 0.3676, 0.5180)
contains.

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Color

Yxy(17.1308, 0.3679, 0.5183)

Conversions

Conversions Part 1

Format	Color
Hex	5E7D1C
RGB	94, 125, 28
RGB Percent	37%, 49%, 11%
CMY	0.6313, 0.5098, 0.8904
CMYK	0.25, 0.00, 0.78, 0.51
HSL	79°, 63%, 30%
HSV	79°, 78%, 49%
XYZ	12.1598, 17.1308, 3.7613
YIQ	104.6730, 12.6610, -36.7390

Conversions

Conversions Part 2

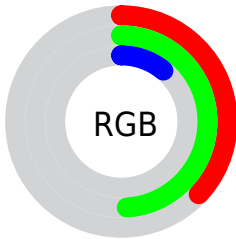
Format	Color
R _Y B	28, 125, 59
Decimal	6192412
CIE Lab	48.42, -25.75, 45.94
CIE LCh	48, 52.665, 119.271
Yxy	17.1308, 0.3679, 0.5183
Android (android.graphics.Color)	4284382492 (0xFF5E7D1C)
YUV	104.6730, -37.7998, -9.3602
Hunter-Lab	41.3894, -19.9898, 23.5845

Details

The Yxy color **17.1308, 0.3679, 0.5183** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3.2373, 0.2049, 0.1121**, and the grayscale version is **14.1348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6230, 0.3607, 0.4738**, and **5.7044, 0.3539, 0.5572** is the 20% darker color. If you saturate the color by 10%, you get **16.8781, 0.3680, 0.5336**, and if you desaturate by 10%, it is **17.4208, 0.3655, 0.4989**.

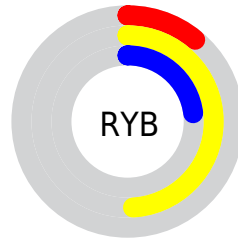
Distribution



Red (37%)

Green (49%)

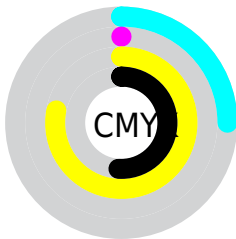
Blue (11%)



Red (11%)

Yellow (49%)

Blue (23%)

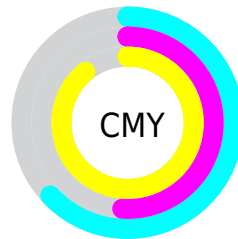


Cyan (25%)

Magenta (0%)

Yellow (78%)

Black (51%)



Cyan (63%)


Magenta (51%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1308, 0.3679, 0.5183 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 17.1308, 0.3679, 0.5183 by changing the saturation by 10% instead.


 17.1308, 0.3679,
0.5183


 17.1308, 0.3679,
0.5183


235.9250, 0.3431,
0.4063


 10.3278, 0.3694,
0.5509


 38.5505, 0.3612,
0.4736


 5.6168, 0.3725,
0.6044

 53.9360, 0.3577,
0.4579

 2.6135, 0.3492,
0.6508

 72.9512, 0.3546,
0.4452

 0.9335, 0.2164,
0.7836


 95.9803, 0.3517,
0.4346


 0.0000, 0.0000,
0.0000


 123.4079, 0.3492,
0.4258


 155.6183, 0.3469,


0.4183


 192.9958, 0.3449,
0.4119

 17.1308, 0.3679,
0.5183


 17.1308, 0.3679,
0.5183


 16.8781, 0.3680,
0.5336

 17.4208, 0.3655,
0.4989


 16.6539, 0.3663,
0.5451

 17.7488, 0.3609,
0.4761

 16.6029, 0.3658,
0.5478

 18.1180, 0.3545,
0.4509

 18.5307, 0.3468,
0.4246

 18.9890, 0.3382,
0.3980

■ 19.4949, 0.3290,
0.3719

■ 20.0502, 0.3197,
0.3470

■ 20.6565, 0.3106,
0.3236

■ 21.3155, 0.3017,
0.3019

Harmonies

Analogous

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



17.1308, 0.4525, 0.4726



17.1308, 0.3679, 0.5183



17.1308, 0.2744, 0.4924

Triad

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



17.1308, 0.3679, 0.5183



17.1308, 0.1478, 0.2111



17.1308, 0.4315, 0.2696

Complementary

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



17.1308, 0.3679, 0.5183



3.2373, 0.2049, 0.1121

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.



17.1308, 0.3263, 0.2182



17.1308, 0.3679, 0.5183



17.1308, 0.1737, 0.1841

Square

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



17.1308, 0.3679, 0.5183



17.1308, 0.1540, 0.2787



17.1308, 0.2333, 0.1881



17.1308, 0.5018, 0.3335

Rectangle

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



17.1308, 0.3679, 0.5183



17.1308, 0.2191, 0.4279



17.1308, 0.2333, 0.1881



17.1308, 0.3977, 0.2506

Sweetspot

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



17.1316, 0.3679, 0.5183



34.3629, 0.3345, 0.3873



7.5396, 0.5168, 0.3814



7.7556, 0.3372, 0.3952



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.1316, 0.3679, 0.5183



29.9174, 0.3666, 0.5421



15.3263, 0.3139, 0.5557



4.9527, 0.3211, 0.3506



17.3241, 0.3657, 0.5478



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.2373, 0.2049, 0.1121



3.8580, 0.1813, 0.0812



5.4480, 0.2869, 0.1532



4.2732, 0.3038, 0.3071



2.0110, 0.1755, 0.0740



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.1308, 0.3679, 0.5183 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 17.1308, 0.3679, 0.5183 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 17.1308, 0.3679, 0.5183

Background



This preview shows how black text looks on a background with the Yxy color 17.1308, 0.3679, 0.5183.



This preview shows how white text looks on a background with the Yxy color 17.1308, 0.3679, 0.5183.

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

17.1308, 0.3679, 0.5183

Protanopia

16.9988, 0.4296, 0.4755

Deuteranopia

16.9879, 0.4519, 0.4445



Tritanopia

17.0004, 0.2878, 0.3090

Trichromacy



Original Color

17.1308, 0.3679, 0.5183

Protanomaly

16.9812, 0.4056, 0.4924

Deuteranomaly

16.8014, 0.4210, 0.4717

Tritanomaly

16.6985, 0.3236, 0.3913

Monochromacy



Original Color

17.1308, 0.3679, 0.5183

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.8909, 0.3413, 0.4065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1308, 0.3679, 0.5183 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(94, 125, 28)` looks like.

```
.text, #text, p{  
    color:rgb(94, 125, 28)  
}
```

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(94, 125, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 125, 28) }
```

Border

The CSS property to change the border of an element to Yxy 17.1308, 0.3679, 0.5183 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(94, 125, 28) }
```

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

```
.border{ border-color:rgb(94, 125, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 125, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 125, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 125, 28);  
box-shadow:4px 4px 4px 4px rgb(94, 125,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1308, 0.3679, 0.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 125, 28) }
```

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

```
.background{ background-color: rgb(94, 125,  
28) }
```

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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