

Converting Colors

$Y_{xy}(16.9900, 0.3748, 0.5368)$

Have a look what the booklet for
Yxy(16.9900, 0.3748, 0.5368)
contains.

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Color

Yxy(17.0053, 0.3748, 0.5368)

Conversions

Conversions Part 1

Format	Color
Hex	5D7D05
RGB	93, 125, 5
RGB Percent	36%, 49%, 2%
CMY	0.6354, 0.5098, 0.9803
CMYK	0.26, 0.00, 0.96, 0.51
HSL	76°, 92%, 25%
HSV	76°, 96%, 49%
XYZ	11.8733, 17.0053, 2.8004
YIQ	101.7520, 19.4480, -44.1040

Conversions

Conversions Part 2

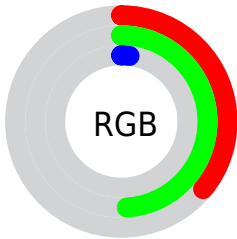
Format	Color
RYB	5, 125, 37
Decimal	6126853
CIELab	48.27, -27.06, 51.77
CIElCh	48, 58.416, 117.601
Yxy	17.0053, 0.3748, 0.5368
Android (android.graphics.Color)	4284316933 (0xFF5D7D05)
YUV	101.7520, -47.6987, -7.6755
Hunter-Lab	41.2375, -20.7710, 24.8399

Details

The Yxy color **17.0053, 0.3748, 0.5368** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **1.9841, 0.1735, 0.0762**, and the grayscale version is **13.3416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4491, 0.3684, 0.4890**, and **5.6611, 0.3502, 0.5601** is the 20% darker color. If you saturate the color by 10%, you get **16.9258, 0.3743, 0.5410**, and if you desaturate by 10%, it is **17.2151, 0.3756, 0.5258**.

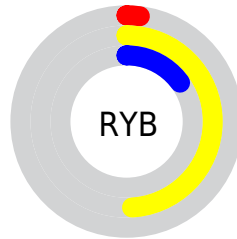
Distribution



Red (36%)

Green (49%)

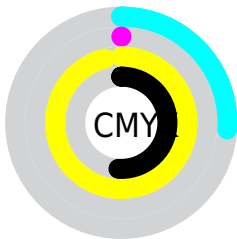
Blue (2%)



Red (2%)

Yellow (49%)

Blue (15%)

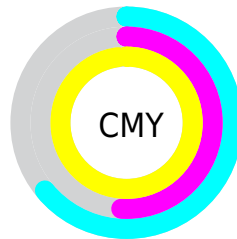


Cyan (26%)

Magenta (0%)

Yellow (96%)

Black (51%)



Cyan (64%)


Magenta (51%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0053, 0.3748, 0.5368 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 17.0053, 0.3748, 0.5368 by changing the saturation by 10% instead.


 17.0053, 0.3748,
0.5368


 17.0053, 0.3748,
0.5368


235.2029, 0.3485,
0.4153


 10.2383, 0.3746,
0.5700


 38.3349, 0.3686,
0.4893


 5.5572, 0.3753,
0.6247

 53.6662, 0.3650,
0.4723

 2.5778, 0.3412,
0.6588


 72.6211, 0.3616,
0.4583

 0.9155, 0.1860,
0.8140

 95.5840, 0.3584,
0.4467


 0.0000, 0.0000,
0.0000


 122.9392, 0.3555,
0.4370


 155.0712, 0.3529,


0.4287

 192.3643, 0.3506,
0.4215

 17.0053, 0.3748,
0.5368


 17.0053, 0.3748,
0.5368


 16.9258, 0.3743,
0.5410

 17.2151, 0.3756,
0.5258

 17.4524, 0.3743,
0.5109

 17.7229, 0.3706,
0.4918

 18.0293, 0.3648,
0.4696

 18.3741, 0.3573,
0.4450

■ 18.7594, 0.3485,
0.4192

■ 19.1872, 0.3389,
0.3932

■ 19.6594, 0.3288,
0.3676

■ 20.1777, 0.3187,
0.3430

Harmonies

Analogous

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



17.0053, 0.4666, 0.4782



17.0053, 0.3748, 0.5368



17.0053, 0.2735, 0.5181

Triad

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



17.0053, 0.3748, 0.5368



17.0053, 0.1340, 0.2020



17.0053, 0.4382, 0.2598

Complementary

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



17.0053, 0.3748, 0.5368



1.9841, 0.1735, 0.0762

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.



17.0053, 0.3204, 0.2062



17.0053, 0.3748, 0.5368



17.0053, 0.1596, 0.1724

Square

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



17.0053, 0.3748, 0.5368



17.0053, 0.1416, 0.2771



17.0053, 0.2207, 0.1756



17.0053, 0.5195, 0.3269

Rectangle

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



17.0053, 0.3748, 0.5368



17.0053, 0.2129, 0.4474



17.0053, 0.2207, 0.1756



17.0053, 0.3999, 0.2399

Sweetspot

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



17.0061, 0.3748, 0.5368



34.0612, 0.3425, 0.4028



5.6957, 0.5862, 0.3650



7.6867, 0.3459, 0.4120



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.



17.0061, 0.3748, 0.5368



30.2321, 0.3733, 0.5418



15.0039, 0.3119, 0.5858



4.9635, 0.3218, 0.3506



17.6595, 0.3742, 0.5410



0.0000, 0.0000, 0.0000

Inverse Universe

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



1.9841, 0.1735, 0.0762



3.1775, 0.1671, 0.0694



4.1318, 0.2668, 0.1269



4.2630, 0.3031, 0.3070



1.8861, 0.1689, 0.0704



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.0053, 0.3748, 0.5368 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 17.0053, 0.3748, 0.5368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

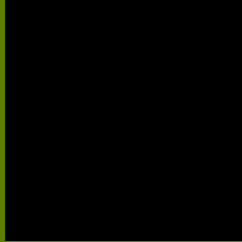
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0053, 0.3748, 0.5368

Background



This preview shows how black text looks on a background with the Yxy color 17.0053, 0.3748, 0.5368.



This preview shows how white text looks on a background with the Yxy color 17.0053, 0.3748, 0.5368.

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

17.0053, 0.3748, 0.5368

Protanopia

16.9286, 0.4391, 0.4896

Deuteranopia

16.7204, 0.4609, 0.4526



Tritanopia

16.9145, 0.2877, 0.3109

Trichromacy



Original Color

17.0053, 0.3748, 0.5368

Protanomaly

16.9110, 0.4145, 0.5076

Deuteranomaly

16.4351, 0.4294, 0.4842

Tritanomaly

16.4971, 0.3326, 0.4114

Monochromacy



Original Color

17.0053, 0.3748, 0.5368

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

14.2098, 0.3516, 0.4257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0053, 0.3748, 0.5368 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(93, 125, 5)` looks like.

```
.text, #text, p{  
    color:rgb(93, 125, 5)  
}
```

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(93, 125, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 125, 5) }
```

Border

The CSS property to change the border of an element to Yxy 17.0053, 0.3748, 0.5368 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(93, 125, 5) }
```

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

```
.border{ border-color:rgb(93, 125, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 125, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 125, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 125, 5);  
box-shadow:4px 4px 4px 4px rgb(93, 125, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.0053, 0.3748, 0.5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 125, 5) }
```

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

```
.background{ background-color: rgb(93, 125,  
5) }
```

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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