

Converting Colors

$Y_{xy}(17.4734, 0.3522, 0.5364)$

Have a look what the booklet for
Yxy(17.4734, 0.3522, 0.5364)
contains.

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Color

Yxy(17.5603, 0.3515, 0.5370)

Conversions

Conversions Part 1

Format	Color
Hex	528118
RGB	82, 129, 24
RGB Percent	32%, 51%, 9%
CMY	0.6784, 0.4941, 0.9060
CMYK	0.36, 0.00, 0.81, 0.49
HSL	87°, 69%, 30%
HSV	87°, 81%, 51%
XYZ	11.4943, 17.5603, 3.6461
YIQ	102.9770, 5.6930, -42.6190

Conversions

Conversions Part 2

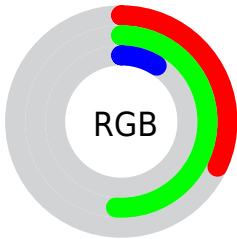
Format	Color
R_{YB}	24, 129, 71
Decimal	5407000
CIE _{Lab}	48.96, -32.73, 47.53
CIE _{LCh}	49, 57.714, 124.554
Yxy	17.5603, 0.3515, 0.5370
Android (android.graphics.Color)	4283597080 (0xFF528118)
YUV	102.9770, -38.9357, -18.3968
Hunter-Lab	41.9050, -24.3722, 24.1747

Details

The Yxy color **17.5603, 0.3515, 0.5370** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3.5762, 0.2182, 0.1133**, and the grayscale version is **13.6604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1426, 0.3494, 0.4875**, and **5.8532, 0.3266, 0.5789** is the 20% darker color. If you saturate the color by 10%, you get **17.2715, 0.3490, 0.5525**, and if you desaturate by 10%, it is **17.8978, 0.3518, 0.5167**.

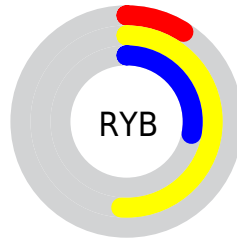
Distribution



 Red (32%)

 Green (51%)

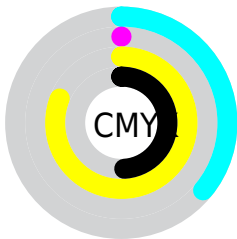
 Blue (9%)



 Red (9%)

 Yellow (51%)

 Blue (28%)

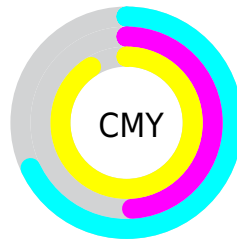


 Cyan (36%)

 Magenta (0%)

 Yellow (81%)

 Black (49%)



 Cyan (68%)


 Magenta (49%)

 Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5603, 0.3515, 0.5370 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 17.5603, 0.3515, 0.5370 by changing the saturation by 10% instead.


 17.5603, 0.3515,
0.5370


 17.5603, 0.3515,
0.5370


238.3809, 0.3375,
0.4128


 10.6348, 0.3490,
0.5737


 39.2866, 0.3495,
0.4870


 5.8218, 0.3465,
0.6352

 54.8563, 0.3476,
0.4696


 2.7370, 0.3131,
0.6869

 74.0760, 0.3456,
0.4555

 0.9960, 0.1259,
0.8741

 97.3303, 0.3437,
0.4439


 0.0000, 0.0000,
0.0000


 125.0036, 0.3419,
0.4342


 157.4801, 0.3403,

0.4260


 195.1444, 0.3388,
0.4189


 17.5603, 0.3515,
0.5370

 17.5603, 0.3515,
0.5370


 17.2715, 0.3490,
0.5525


 17.8978, 0.3518,
0.5167

 17.0512, 0.3460,
0.5635

 18.2855, 0.3500,
0.4927

 18.7274, 0.3464,
0.4661

 19.2263, 0.3413,
0.4381

 19.7848, 0.3351,
0.4100

■ 20.4055, 0.3282,
0.3826

■ 21.0905, 0.3210,
0.3566

■ 21.8421, 0.3137,
0.3323

■ 22.6623, 0.3066,
0.3100

Harmonies

Analogous

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



17.5603, 0.4456, 0.4927



17.5603, 0.3515, 0.5370



17.5603, 0.2529, 0.4935

Triad

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



17.5603, 0.3515, 0.5370



17.5603, 0.1399, 0.1943



17.5603, 0.4592, 0.2758

Complementary

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



17.5603, 0.3515, 0.5370



3.5762, 0.2182, 0.1133

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.



17.5603, 0.3471, 0.2188



17.5603, 0.3515, 0.5370



17.5603, 0.1728, 0.1732

Square

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



17.5603, 0.3515, 0.5370



17.5603, 0.1397, 0.2568



17.5603, 0.2421, 0.1828



17.5603, 0.5233, 0.3440

Rectangle

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



17.5603, 0.3515, 0.5370



17.5603, 0.1977, 0.4143



17.5603, 0.2421, 0.1828



17.5603, 0.4244, 0.2551

Sweetspot

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



17.5611, 0.3515, 0.5370



36.1774, 0.3304, 0.3911



9.0497, 0.5071, 0.4034



8.1129, 0.3325, 0.3993



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.5611, 0.3515, 0.5370



30.5288, 0.3453, 0.5625



16.0583, 0.3048, 0.5705



4.9266, 0.3193, 0.3507



16.6266, 0.3460, 0.5634



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.5762, 0.2182, 0.1133



4.4969, 0.1955, 0.0861



6.3750, 0.3076, 0.1592



4.2986, 0.3057, 0.3072



2.4171, 0.1956, 0.0851



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5603, 0.3515, 0.5370 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 17.5603, 0.3515, 0.5370 looks on a black 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

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

Yxy 17.5603, 0.3515, 0.5370

Background



This preview shows how black text looks on a background with the Yxy color 17.5603, 0.3515, 0.5370.



This preview shows how white text looks on a background with the Yxy color 17.5603, 0.3515, 0.5370.

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

17.5603, 0.3515, 0.5370

Protanopia

17.3702, 0.4331, 0.4779

Deuteranopia

17.2871, 0.4526, 0.4461



Tritanopia

17.4775, 0.2731, 0.3087

Trichromacy



Original Color

17.5603, 0.3515, 0.5370

Protanomaly

17.2434, 0.4010, 0.5013

Deuteranomaly

16.9539, 0.4141, 0.4802

Tritanomaly

17.0949, 0.3082, 0.3996

Monochromacy



Original Color

17.5603, 0.3515, 0.5370

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

14.5156, 0.3364, 0.4156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5603, 0.3515, 0.5370 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(82, 129, 24)` looks like.

```
.text, #text, p{  
    color:rgb(82, 129, 24)  
}
```

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(82, 129, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 129, 24) }
```

Border

The CSS property to change the border of an element to Yxy 17.5603, 0.3515, 0.5370 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(82, 129, 24) }
```

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

```
.border{ border-color:rgb(82, 129, 24) }
```

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

Here you see how a box with a 4 pixel rgb(82, 129, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 129, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 129, 24);  
box-shadow:4px 4px 4px 4px rgb(82, 129,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5603, 0.3515, 0.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 129, 24) }
```

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

```
.background{ background-color: rgb(82, 129,  
24) }
```

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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