

Converting Colors

$Y_{xy}(17.3357, 0.3949, 0.5806)$

Have a look what the booklet for
Yxy(17.3357, 0.3949, 0.5806)
contains.

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Color

Yxy(17.5584, 0.3754, 0.5401)

Conversions

Conversions Part 1

Format	Color
Hex	5E7F00
RGB	94, 127, 0
RGB Percent	37%, 50%, 0%
CMY	0.6315, 0.5019, 0.9998
CMYK	0.26, 0.00, 1.00, 0.50
HSL	76°, 100%, 25%
HSV	76°, 100%, 50%
XYZ	12.2041, 17.5584, 2.7471
YIQ	102.6550, 21.0990, -46.4930

Conversions

Conversions Part 2

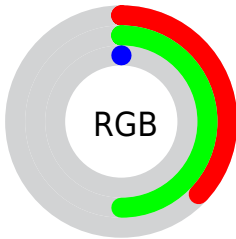
Format	Color
RYB	0, 127, 33
Decimal	6192896
CIELab	48.96, -27.74, 53.33
CIELCh	49, 60.115, 117.476
Yxy	17.5584, 0.3754, 0.5401
Android (android.graphics.Color)	4284382976 (0xFF5E7F00)
YUV	102.6550, -50.6089, -7.5904
Hunter-Lab	41.9027, -21.3421, 25.4450

Details

The Yxy color **17.5584, 0.3754, 0.5401** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **1.8581, 0.1682, 0.0701**, and the grayscale version is **13.6004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.3201, 0.3693, 0.4925**, and **5.9410, 0.3480, 0.5619** is the 20% darker color. If you saturate the color by 10%, you get **17.5584, 0.3754, 0.5401**, and if you desaturate by 10%, it is **17.7659, 0.3765, 0.5300**.

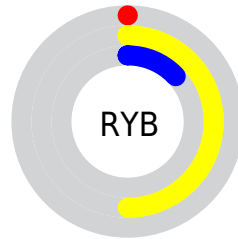
Distribution



Red (37%)

Green (50%)

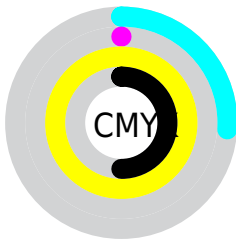
Blue (0%)



Red (0%)

Yellow (50%)

Blue (13%)

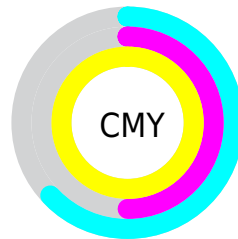


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (63%)


Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5584, 0.3754, 0.5401 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 17.5584, 0.3754, 0.5401 by changing the saturation by 10% instead.


 17.5584, 0.3754,
0.5401


 17.5584, 0.3754,
0.5401


238.3700, 0.3494,
0.4175


 10.6334, 0.3749,
0.5730


 39.2834, 0.3696,
0.4925


 5.8209, 0.3742,
0.6258

 54.8522, 0.3660,
0.4753


 2.7365, 0.3405,
0.6595


 74.0711, 0.3626,
0.4612

 0.9958, 0.2104,
0.7896


 97.3244, 0.3594,
0.4495

 0.0000, 0.0000,
0.0000


 124.9965, 0.3565,
0.4396


 157.4719, 0.3539,


0.4311


 195.1350, 0.3515,
0.4238

 17.5584, 0.3754,
0.5401

 17.7659, 0.3765,
0.5300

 17.9956, 0.3760,
0.5169

 18.2580, 0.3732,
0.4996

 18.5561, 0.3681,
0.4786

 18.8927, 0.3611,
0.4549

■ 19.2701, 0.3526,
0.4296

■ 19.6903, 0.3431,
0.4036

■ 20.1555, 0.3331,
0.3777

■ 20.6674, 0.3228,
0.3527

Harmonies

Analogous

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



17.5584, 0.4686, 0.4793



17.5584, 0.3754, 0.5401



17.5584, 0.2728, 0.5224

Triad

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



17.5584, 0.3754, 0.5401



17.5584, 0.1317, 0.2002



17.5584, 0.4399, 0.2584

Complementary

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



17.5584, 0.3754, 0.5401



1.8581, 0.1682, 0.0701

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.



17.5584, 0.3198, 0.2043



17.5584, 0.3754, 0.5401



17.5584, 0.1573, 0.1703

Square

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



17.5584, 0.3754, 0.5401



17.5584, 0.1393, 0.2763



17.5584, 0.2189, 0.1735



17.5584, 0.5228, 0.3260

Rectangle

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



17.5584, 0.3754, 0.5401



17.5584, 0.2114, 0.4504



17.5584, 0.2189, 0.1735



17.5584, 0.4008, 0.2383

Sweetspot

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



17.5592, 0.3754, 0.5401



35.1974, 0.3439, 0.4055



5.5343, 0.6024, 0.3598



8.1765, 0.3473, 0.4148



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.



17.5592, 0.3754, 0.5401



31.3654, 0.3744, 0.5410



15.4843, 0.3119, 0.5905



4.9649, 0.3219, 0.3506



17.7055, 0.3754, 0.5402



0.0000, 0.0000, 0.0000

Inverse Universe

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



1.8581, 0.1682, 0.0701



3.2602, 0.1662, 0.0689



3.9808, 0.2603, 0.1208



4.2616, 0.3030, 0.3070



1.8715, 0.1681, 0.0700



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5584, 0.3754, 0.5401 looks on a white background.

Color Contrast Check

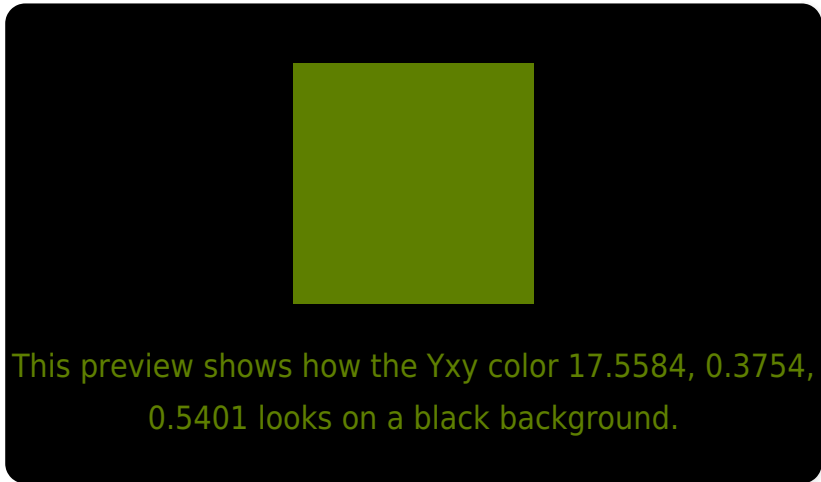
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

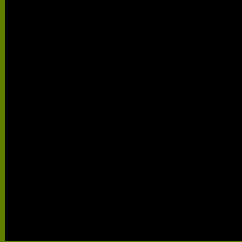
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5584, 0.3754, 0.5401

Background



This preview shows how black text looks on a background with the Yxy color 17.5584, 0.3754, 0.5401.



This preview shows how white text looks on a background with the Yxy color 17.5584, 0.3754, 0.5401.

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

17.5584, 0.3754, 0.5401

Protanopia

17.3161, 0.4403, 0.4886

Deuteranopia

17.3288, 0.4605, 0.4536



Tritanopia

17.5533, 0.2881, 0.3111

Trichromacy



Original Color

17.5584, 0.3754, 0.5401

Protanomaly

17.2845, 0.4165, 0.5075

Deuteranomaly

17.0373, 0.4302, 0.4859

Tritanomaly

17.0936, 0.3346, 0.4144

Monochromacy



Original Color

17.5584, 0.3754, 0.5401

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

14.6910, 0.3531, 0.4311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5584, 0.3754, 0.5401 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, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(94, 127, 0)  
}
```

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, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 127, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.5584, 0.3754, 0.5401 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, 127, 0) }
```

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

```
.border{ border-color:rgb(94, 127, 0) }
```

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

Here you see how a box with a 4 pixel rgb(94, 127, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(94, 127, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 17.5584, 0.3754, 0.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 127, 0) }
```

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

```
.background{ background-color: rgb(94, 127,  
0) }
```

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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