

Converting Colors

$Y_{xy}(17.5392, 0.3543, 0.4894)$

Have a look what the booklet for
Yxy(17.5392, 0.3543, 0.4894)
contains.

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Color

Yxy(17.5764, 0.3543, 0.4891)

Conversions

Conversions Part 1

Format	Color
Hex	5F7E31
RGB	95, 126, 49
RGB Percent	37%, 49%, 19%
CMY	0.6276, 0.5058, 0.8078
CMYK	0.25, 0.00, 0.61, 0.51
HSL	84°, 44%, 34%
HSV	84°, 61%, 49%
XYZ	12.7322, 17.5764, 5.6276
YIQ	107.9530, 6.2410, -30.5190

Conversions

Conversions Part 2

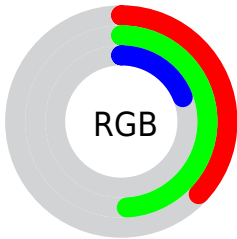
Format	Color
R_{YB}	49, 126, 80
Decimal	6258225
CIE _{Lab}	48.98, -24.24, 37.53
CIE _{LCh}	49, 44.682, 122.861
Yxy	17.5764, 0.3543, 0.4891
Android (android.graphics.Color)	4284448305 (0xFF5F7E31)
YUV	107.9530, -29.0638, -11.3598
Hunter-Lab	41.9242, -19.1577, 21.3883

Details

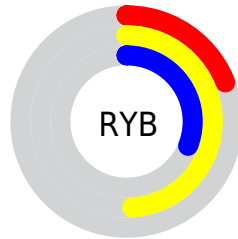
The Yxy color **17.5764, 0.3543, 0.4891** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.4112, 0.2409, 0.1594**, and the grayscale version is **15.0630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4179, 0.3490, 0.4504**, and **5.8656, 0.3546, 0.5567** is the 20% darker color. If you saturate the color by 10%, you get **17.2221, 0.3568, 0.5124**, and if you desaturate by 10%, it is **17.9797, 0.3499, 0.4632**.

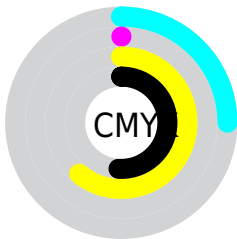
Distribution



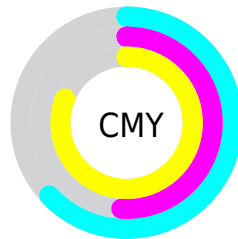
- Red (37%)
- Green (49%)
- Blue (19%)



- Red (19%)
- Yellow (49%)
- Blue (31%)



- Cyan (25%)
- Magenta (0%)
- Yellow (61%)
- Black (51%)




- Cyan (63%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5764, 0.3543, 0.4891 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 17.5764, 0.3543, 0.4891 by changing the saturation by 10% instead.


 17.5764, 0.3543,
0.4891


 17.5764, 0.3543,
0.4891

238.4725, 0.3346,
0.3934


 10.6463, 0.3567,
0.5188


 39.3142, 0.3483,
0.4500


 5.8295, 0.3565,
0.5600

 54.8907, 0.3456,
0.4367


 2.7417, 0.3597,
0.6403

 74.1180, 0.3432,
0.4259

 0.9984, 0.2611,
0.7389

 97.3807, 0.3410,
0.4171

 0.0000, 0.0000,
0.0000

 125.0631, 0.3391,
0.4097

 157.5496, 0.3375,

0.4034

195.2246, 0.3360,
0.3980

■ 17.5764, 0.3543,
0.4891

■ 17.5764, 0.3543,
0.4891

■ 17.2221, 0.3568,
0.5124

■ 17.9797, 0.3499,
0.4632

■ 16.9117, 0.3572,
0.5321

■ 18.4324, 0.3440,
0.4359

■ 16.6425, 0.3554,
0.5471

■ 18.9375, 0.3370,
0.4084

■ 16.4287, 0.3527,
0.5582

■ 19.4972, 0.3294,
0.3814

■ 20.1136, 0.3215,
0.3557

■ 20.7885, 0.3136,
0.3316

■ 21.5239, 0.3058,
0.3093

■ 22.3214, 0.2983,
0.2890

■ 23.1827, 0.2913,
0.2706

Harmonies

Analogous

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



17.5764, 0.4286, 0.4619



17.5764, 0.3543, 0.4891



17.5764, 0.2733, 0.4553

Triad

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



17.5764, 0.3543, 0.4891



17.5764, 0.1697, 0.2239



17.5764, 0.4224, 0.2852

Complementary

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



17.5764, 0.3543, 0.4891



5.4112, 0.2409, 0.1594

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.



17.5764, 0.3360, 0.2373



17.5764, 0.3543, 0.4891



17.5764, 0.1966, 0.2020

Square

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



17.5764, 0.3543, 0.4891



17.5764, 0.1726, 0.2796



17.5764, 0.2535, 0.2079



17.5764, 0.4763, 0.3436

Rectangle

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



17.5764, 0.3543, 0.4891



17.5764, 0.2266, 0.3997



17.5764, 0.2535, 0.2079



17.5764, 0.3954, 0.2677

Sweetspot

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



17.5772, 0.3543, 0.4891



34.5954, 0.3273, 0.3743



10.3673, 0.4507, 0.3889



7.8109, 0.3293, 0.3807



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.



17.5772, 0.3543, 0.4891



30.1045, 0.3572, 0.5200



16.0072, 0.3107, 0.5134



4.9357, 0.3199, 0.3507



16.8490, 0.3526, 0.5582



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.4112, 0.2409, 0.1594



6.7375, 0.2209, 0.1245



7.5769, 0.3056, 0.1871



4.2897, 0.3050, 0.3071



2.2595, 0.1880, 0.0809



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5764, 0.3543, 0.4891 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 17.5764, 0.3543, 0.4891 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 17.5764, 0.3543, 0.4891

Background



This preview shows how black text looks on a background with the Yxy color 17.5764, 0.3543, 0.4891.



This preview shows how white text looks on a background with the Yxy color 17.5764, 0.3543, 0.4891.

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

17.5764, 0.3543, 0.4891

Protanopia

17.3552, 0.4129, 0.4537

Deuteranopia

17.2578, 0.4314, 0.4238



Tritanopia

17.4924, 0.2869, 0.3111

Trichromacy



Original Color

17.5764, 0.3543, 0.4891

Protanomaly

17.4201, 0.3908, 0.4674

Deuteranomaly

17.1743, 0.4029, 0.4473

Tritanomaly

17.3423, 0.3130, 0.3755

Monochromacy



Original Color

17.5764, 0.3543, 0.4891

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.8332, 0.3308, 0.3896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5764, 0.3543, 0.4891 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(95, 126, 49)` looks like.

```
.text, #text, p{  
    color:rgb(95, 126, 49)  
}
```

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(95, 126, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 126, 49) }
```

Border

The CSS property to change the border of an element to Yxy 17.5764, 0.3543, 0.4891 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(95, 126, 49) }
```

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

```
.border{ border-color:rgb(95, 126, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 126, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 126, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 126, 49);  
box-shadow:4px 4px 4px 4px rgb(95, 126,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5764, 0.3543, 0.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 126, 49) }
```

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

```
.background{ background-color: rgb(95, 126,  
49) }
```

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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