

Converting Colors

$Y_{xy}(17.8986, 0.3461, 0.4223)$

Have a look what the booklet for
Yxy(17.8986, 0.3461, 0.4223)
contains.

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Color

Yxy(17.9041, 0.3450, 0.4219)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6C7B4E |
| RGB | 108, 123, 78 |
| RGB Percent | 42%, 48%, 31% |
| CMY | 0.5765, 0.5176, 0.6941 |
| CMYK | 0.12, 0.00, 0.37, 0.52 |
| HSL | 80°, 22%, 39% |
| HSV | 80°, 37%, 48% |
| XYZ | 14.6407, 17.9041, 9.8920 |
| YIQ | 113.3850, 5.5050, -17.1750 |

Conversions

Conversions Part 2

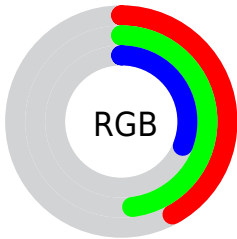
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 78, 123, 93 |
| Decimal | 7109454 |
| CIELab | 49.38, -13.78, 22.81 |
| CIELCh | 49, 26.654, 121.136 |
| Yxy | 17.9041, 0.3450, 0.4219 |
| Android (android.graphics.Color) | 4285299534 (0xFF6C7B4E) |
| YUV | 113.3850, -17.4448, -4.7226 |
| Hunter-Lab | 42.3132, -12.2858, 15.7584 |

Details

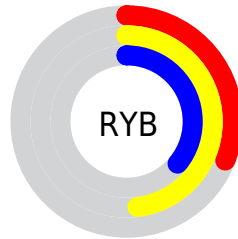
The Yxy color **17.9041, 0.3450, 0.4219** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.2080, 0.2706, 0.2303**, and the grayscale version is **16.6851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6920, 0.3382, 0.3980**, and **5.9680, 0.3555, 0.4625** is the 20% darker color. If you saturate the color by 10%, you get **17.4932, 0.3526, 0.4485**, and if you desaturate by 10%, it is **18.3617, 0.3366, 0.3952**.

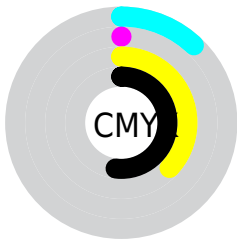
Distribution



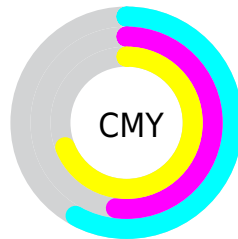
- Red (42%)
- Green (48%)
- Blue (31%)



- Red (31%)
- Yellow (48%)
- Blue (36%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9041, 0.3450, 0.4219 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 17.9041, 0.3450, 0.4219 by changing the saturation by 10% instead.

■ 17.9041, 0.3450,
0.4219

■ 17.9041, 0.3450,
0.4219

■ 240.3300, 0.3275,
0.3667

■ 10.8812, 0.3495,
0.4395

■ 39.8738, 0.3384,
0.3993

■ 5.9870, 0.3550,
0.4650

■ 55.5894, 0.3360,
0.3916

■ 2.8372, 0.3619,
0.5059

■ 74.9714, 0.3340,
0.3854

■ 1.0473, 0.3831,
0.6169

■ 98.4040, 0.3323,
0.3803

■ 0.0000, 0.0000,
0.0000

■ 126.2718, 0.3308,
0.3761

158.9592, 0.3296,

0.3725

196.8504, 0.3285,
0.3694

■ 17.9041, 0.3450,
0.4219

■ 17.9041, 0.3450,
0.4219

■ 17.4932, 0.3526,
0.4485

■ 18.3617, 0.3366,
0.3952

■ 17.1246, 0.3589,
0.4740

■ 18.8656, 0.3276,
0.3692

■ 16.7970, 0.3634,
0.4973


■ 19.4182, 0.3186,
0.3445

■ 16.5079, 0.3659,
0.5175


■ 20.0212, 0.3097,
0.3213

■ 16.2545, 0.3661,
0.5335

■ 20.6761, 0.3011,
0.2999

 16.0315, 0.3643,
0.5455

 21.3845, 0.2929,
0.2802

 15.9589, 0.3636,
0.5495

 22.1477, 0.2852,
0.2624

 22.9671, 0.2780,
0.2463

 23.8441, 0.2713,
0.2318

Harmonies

Analogous

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



17.9041, 0.3890, 0.4115



17.9041, 0.3450, 0.4219



17.9041, 0.2945, 0.4016

Triad

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



17.9041, 0.3450, 0.4219



17.9041, 0.2208, 0.2673



17.9041, 0.3754, 0.3012

Complementary

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



17.9041, 0.3450, 0.4219



9.2080, 0.2706, 0.2303

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.



17.9041, 0.3250, 0.2694



17.9041, 0.3450, 0.4219



17.9041, 0.2381, 0.2491

Square

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



17.9041, 0.3450, 0.4219



17.9041, 0.2252, 0.3052



17.9041, 0.2749, 0.2507



17.9041, 0.4088, 0.3405

Rectangle

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



17.9041, 0.3450, 0.4219



17.9041, 0.2640, 0.3728



17.9041, 0.2749, 0.2507



17.9041, 0.3597, 0.2894

Sweetspot

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



17.9049, 0.3450, 0.4219



34.2939, 0.3228, 0.3559



12.5910, 0.3848, 0.3600



8.0514, 0.3238, 0.3586



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.



17.9049, 0.3450, 0.4219



31.4276, 0.3515, 0.4445



16.6729, 0.3165, 0.4308



4.5701, 0.3208, 0.3505



16.5041, 0.3635, 0.5496



78.2462, 0.3606, 0.5519

Inverse Universe

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



9.2080, 0.2706, 0.2303



13.4155, 0.2582, 0.2045



10.5586, 0.3049, 0.2396



3.9526, 0.3041, 0.3072



1.9657, 0.1777, 0.0752



8.9551, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 17.9041, 0.3450, 0.4219 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 17.9041, 0.3450, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

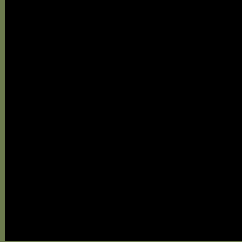
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

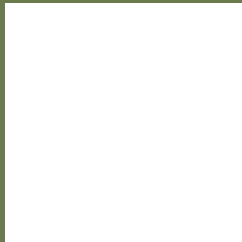
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.9041, 0.3450, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 17.9041, 0.3450, 0.4219.



This preview shows how white text looks on a background with the Yxy color 17.9041, 0.3450, 0.4219.

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

17.9041, 0.3450, 0.4219

Protanopia

17.7564, 0.3768, 0.4075

Deuteranopia

17.7430, 0.3937, 0.3869



Tritanopia

17.8738, 0.2998, 0.3116

Trichromacy



Original Color

17.9041, 0.3450, 0.4219

Protanomaly

17.7225, 0.3645, 0.4120

Deuteranomaly

17.6445, 0.3752, 0.3998

Tritanomaly

17.7425, 0.3156, 0.3491

Monochromacy



Original Color

17.9041, 0.3450, 0.4219

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.0222, 0.3253, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9041, 0.3450, 0.4219 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(108, 123, 78)` looks like.

```
.text, #text, p{  
    color:rgb(108, 123, 78)  
}
```

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(108, 123, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 78) }
```

Border

The CSS property to change the border of an element to Yxy 17.9041, 0.3450, 0.4219 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(108, 123, 78) }
```

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

```
.border{ border-color:rgb(108, 123, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 123, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 78);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9041, 0.3450, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 78) }
```

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

```
.background{ background-color: rgb(108,  
123, 78) }
```

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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