

Converting Colors

$Y_{xy}(10.5409, 0.4414, 0.4680)$

Have a look what the booklet for
Yxy(10.5409, 0.4414, 0.4680)
contains.

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Color

Yxy(10.5409, 0.4414, 0.4680)

Conversions

Conversions Part 1

Format	Color
Hex	6C5A11
RGB	108, 90, 17
RGB Percent	42%, 35%, 7%
CMY	0.5765, 0.6470, 0.9334
CMYK	0.00, 0.17, 0.84, 0.58
HSL	48°, 73%, 25%
HSV	48°, 84%, 42%
XYZ	9.9418, 10.5409, 2.0406
YIQ	87.0600, 34.1610, -18.8870

Conversions

Conversions Part 2

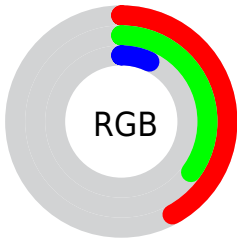
Format	Color
RYB	39, 108, 17
Decimal	7100945
CIELab	38.80, -0.61, 41.35
CIELCh	39, 41.356, 90.841
Yxy	10.5409, 0.4414, 0.4680
Android (android.graphics.Color)	4285291025 (0xFF6C5A11)
YUV	87.0600, -34.5396, 18.3644
Hunter-Lab	32.4668, -2.1576, 19.0002

Details

The Yxy color **10.5409, 0.4414, 0.4680** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.4036, 0.1734, 0.1178**, and the grayscale version is **9.6150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8428, 0.4126, 0.4379**, and **2.7466, 0.4555, 0.4765** is the 20% darker color. If you saturate the color by 10%, you get **10.1593, 0.4514, 0.4729**, and if you desaturate by 10%, it is **10.9494, 0.4291, 0.4593**.

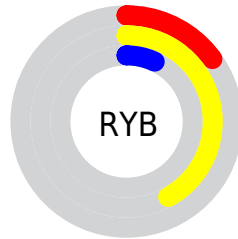
Distribution



Red (42%)

Green (35%)

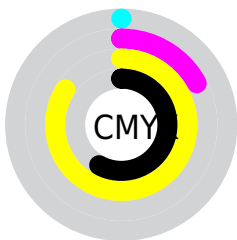
Blue (7%)



Red (15%)

Yellow (42%)

Blue (7%)

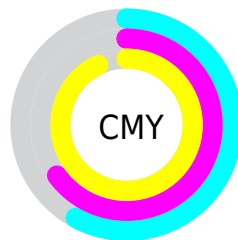


Cyan (0%)

Magenta (17%)

Yellow (84%)

Black (58%)



Cyan (58%)


Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5409, 0.4414, 0.4680 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 10.5409, 0.4414, 0.4680 by changing the saturation by 10% instead.


 10.5409, 0.4414,
0.4680


 10.5409, 0.4414,
0.4680


194.4902, 0.3673,
0.3876


 5.7590, 0.4610,
0.4897

 26.8080, 0.4133,
0.4374


 2.6991, 0.4843,
0.5157


 39.0621, 0.4029,
0.4260

 0.9767, 0.4830,
0.5170

 54.5757, 0.3943,
0.4167


 0.0000, 0.0000,
0.0000


 73.7332, 0.3870,
0.4088


 96.9190, 0.3809,
0.4023


 124.5175, 0.3757,


0.3966


 156.9131, 0.3712,
0.3918


 10.5409, 0.4414,
0.4680


 10.5409, 0.4414,
0.4680


 10.1593, 0.4514,
0.4729


 10.9494, 0.4291,
0.4593

 9.9466, 0.4570,
0.4753

 11.3864, 0.4148,
0.4468

 11.8542, 0.3991,
0.4313

 12.3545, 0.3826,
0.4137

 12.8890, 0.3658,
0.3947

■ 13.4588, 0.3494,
0.3752

■ 14.0653, 0.3336,
0.3558

■ 14.7098, 0.3187,
0.3368

■ 15.3934, 0.3049,
0.3188

Harmonies

Analogous

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



10.5409, 0.4916, 0.4046



10.5409, 0.4414, 0.4680



10.5409, 0.3617, 0.5047

Triad

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



10.5409, 0.4414, 0.4680



10.5409, 0.1628, 0.2792



10.5409, 0.3309, 0.2272

Complementary

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



10.5409, 0.4414, 0.4680



2.4036, 0.1734, 0.1178

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.



10.5409, 0.2428, 0.1974



10.5409, 0.4414, 0.4680



10.5409, 0.1580, 0.2172

Square

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



10.5409, 0.4414, 0.4680



10.5409, 0.2018, 0.3783



10.5409, 0.1844, 0.1926



10.5409, 0.4272, 0.2770

Rectangle

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



10.5409, 0.4414, 0.4680



10.5409, 0.3028, 0.4936



10.5409, 0.1844, 0.1926



10.5409, 0.2990, 0.2147

Sweetspot

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



10.5414, 0.4414, 0.4680



23.4825, 0.3517, 0.3780



3.7115, 0.5408, 0.3000



5.6187, 0.3560, 0.3832



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.5414, 0.4414, 0.4680



17.2987, 0.4582, 0.4744



12.5020, 0.3709, 0.5250



3.4869, 0.3256, 0.3456



11.8260, 0.4574, 0.4750



59.0296, 0.4600, 0.4730

Inverse Universe

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



2.4036, 0.1734, 0.1178



2.7190, 0.1562, 0.0823



2.0256, 0.1945, 0.0995



3.1132, 0.2997, 0.3118



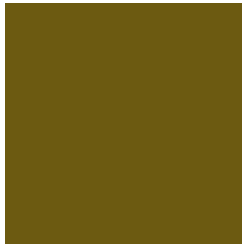
1.9122, 0.1569, 0.0848



8.7285, 0.1548, 0.0771

Previews

White Background



This preview shows how the Yxy color 10.5409, 0.4414, 0.4680 looks on a white background.

Color Contrast Check

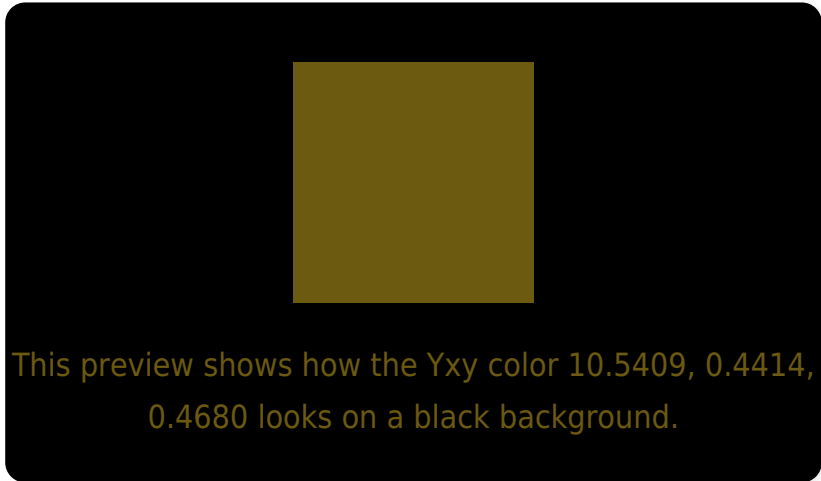
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

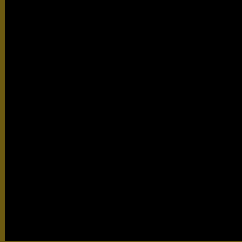
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5409, 0.4414, 0.4680

Background



This preview shows how black text looks on a background with the Yxy color 10.5409, 0.4414, 0.4680.



This preview shows how white text looks on a background with the Yxy color 10.5409, 0.4414, 0.4680.

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

10.5409, 0.4414, 0.4680

Protanopia

10.5783, 0.4295, 0.4771

Deuteranopia

10.5082, 0.4569, 0.4531



Tritanopia

10.5895, 0.3529, 0.3160

Trichromacy



Original Color

10.5409, 0.4414, 0.4680

Protanomaly

10.5259, 0.4346, 0.4732

Deuteranomaly

10.4679, 0.4509, 0.4591

Tritanomaly

10.3940, 0.3947, 0.3805

Monochromacy



Original Color

10.5409, 0.4414, 0.4680

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.7601, 0.3660, 0.3935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5409, 0.4414, 0.4680 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, 90, 17)` looks like.

```
.text, #text, p{  
    color:rgb(108, 90, 17)  
}
```

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, 90, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 90, 17) }
```

Border

The CSS property to change the border of an element to Yxy 10.5409, 0.4414, 0.4680 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, 90, 17) }
```

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

```
.border{ border-color:rgb(108, 90, 17) }
```

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

Here you see how a box with a 4 pixel rgb(108, 90, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 90, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 90, 17);  
box-shadow:4px 4px 4px 4px rgb(108, 90,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5409, 0.4414, 0.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 90, 17) }
```

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

```
.background{ background-color: rgb(108, 90,  
17) }
```

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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