

Converting Colors

$Y_{xy}(11.0322, 0.4414, 0.4804)$

Have a look what the booklet for
Yxy(11.0322, 0.4414, 0.4804)
contains.

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Color

Yxy(11.0322, 0.4414, 0.4804)

Conversions

Conversions Part 1

Format	Color
Hex	6C5D07
RGB	108, 93, 7
RGB Percent	42%, 36%, 3%
CMY	0.5765, 0.6353, 0.9726
CMYK	0.00, 0.14, 0.94, 0.58
HSL	51°, 88%, 23%
HSV	51°, 94%, 42%
XYZ	10.1366, 11.0322, 1.7958
YIQ	87.6810, 36.5460, -23.5660

Conversions

Conversions Part 2

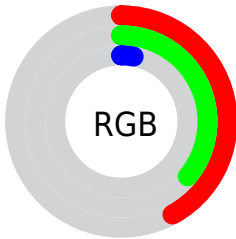
Format	Color
RYB	25, 108, 7
Decimal	7101703
CIELab	39.63, -2.69, 45.01
CIELCh	40, 45.093, 93.423
Yxy	11.0322, 0.4414, 0.4804
Android (android.graphics.Color)	4285291783 (0xFF6C5D07)
YUV	87.6810, -39.7757, 17.8198
Hunter-Lab	33.2148, -3.6507, 20.0447

Details

The Yxy color **11.0322, 0.4414, 0.4804** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.7009, 0.1610, 0.0889**, and the grayscale version is **9.7681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7684, 0.4159, 0.4482**, and **2.9547, 0.4427, 0.4867** is the 20% darker color. If you saturate the color by 10%, you get **10.8365, 0.4466, 0.4836**, and if you desaturate by 10%, it is **11.3448, 0.4330, 0.4747**.

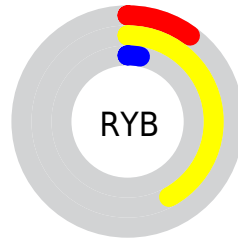
Distribution



Red (42%)

Green (36%)

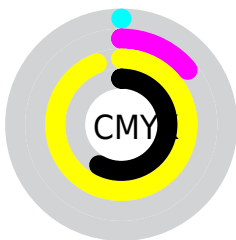
Blue (3%)



Red (10%)

Yellow (42%)

Blue (3%)

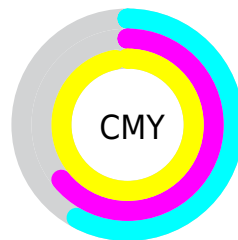


Cyan (0%)

Magenta (14%)

Yellow (94%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0322, 0.4414, 0.4804 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 11.0322, 0.4414, 0.4804 by changing the saturation by 10% instead.

■ 11.0322, 0.4414,
0.4804

■ 11.0322, 0.4414,
0.4804

■ 197.8883, 0.3694,
0.3937

■ 6.0885, 0.4602,
0.5046

■ 27.7197, 0.4152,
0.4479

■ 2.8990, 0.4741,
0.5259

■ 40.2323, 0.4051,
0.4356

■ 1.0792, 0.4688,
0.5312

■ 56.0366, 0.3965,
0.4255


■ 0.0000, 0.0000,
0.0000

■ 75.5171, 0.3893,
0.4170

■ 99.0581, 0.3832,
0.4098

■ 127.0441, 0.3779,


0.4036

 159.8593, 0.3734,
0.3983


 11.0322, 0.4414,
0.4804

 11.0322, 0.4414,
0.4804


 10.8365, 0.4466,
0.4836

 11.3448, 0.4330,
0.4747

 11.6787, 0.4222,
0.4651

 12.0374, 0.4093,
0.4517

 12.4225, 0.3948,
0.4354

 12.8357, 0.3794,
0.4168

■ 13.2784, 0.3635,
0.3969

■ 13.7519, 0.3476,
0.3764

■ 14.2575, 0.3323,
0.3558

■ 14.7964, 0.3177,
0.3359

Harmonies

Analogous

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



11.0322, 0.4998, 0.4127



11.0322, 0.4414, 0.4804



11.0322, 0.3549, 0.5184

Triad

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



11.0322, 0.4414, 0.4804



11.0322, 0.1522, 0.2672



11.0322, 0.3408, 0.2249

Complementary

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



11.0322, 0.4414, 0.4804



1.7009, 0.1610, 0.0889

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.



11.0322, 0.2449, 0.1917



11.0322, 0.4414, 0.4804



11.0322, 0.1505, 0.2062

Square

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



11.0322, 0.4414, 0.4804



11.0322, 0.1892, 0.3714



11.0322, 0.1808, 0.1839



11.0322, 0.4433, 0.2784

Rectangle

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



11.0322, 0.4414, 0.4804



11.0322, 0.2926, 0.5031



11.0322, 0.1808, 0.1839



11.0322, 0.3062, 0.2113

Sweetspot

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



11.0327, 0.4414, 0.4804



23.7034, 0.3559, 0.3871



3.3981, 0.5883, 0.3121



5.6708, 0.3612, 0.3940



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.



11.0327, 0.4414, 0.4804



18.8947, 0.4474, 0.4829



12.1420, 0.3629, 0.5425



3.5108, 0.3255, 0.3466



12.8962, 0.4469, 0.4834



64.7172, 0.4487, 0.4819

Inverse Universe

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



1.7009, 0.1610, 0.0889



2.4304, 0.1541, 0.0746



1.7339, 0.1894, 0.0875



3.0910, 0.2997, 0.3108



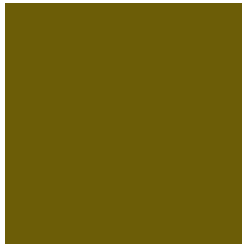
1.7051, 0.1547, 0.0768



7.8623, 0.1529, 0.0703

Previews

White Background



This preview shows how the Yxy color 11.0322, 0.4414, 0.4804 looks on a white background.

Color Contrast Check

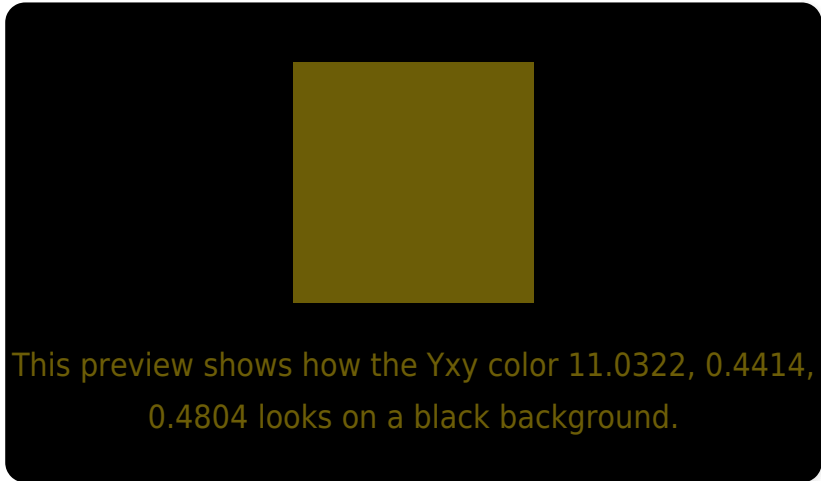
Large Text (above 18pt) WCAG AA ✓ Pass

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

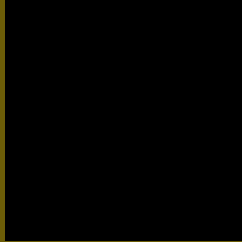
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0322, 0.4414, 0.4804

Background



This preview shows how black text looks on a background with the Yxy color 11.0322, 0.4414, 0.4804.



This preview shows how white text looks on a background with the Yxy color 11.0322, 0.4414, 0.4804.

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

11.0322, 0.4414, 0.4804

Protanopia

11.0849, 0.4363, 0.4844

Deuteranopia

11.0229, 0.4625, 0.4589



Tritanopia

10.9566, 0.3471, 0.3139

Trichromacy



Original Color

11.0322, 0.4414, 0.4804

Protanomaly

11.1465, 0.4380, 0.4831

Deuteranomaly

10.9117, 0.4553, 0.4664

Tritanomaly

10.8721, 0.3935, 0.3890

Monochromacy



Original Color

11.0322, 0.4414, 0.4804

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.0610, 0.3692, 0.4053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0322, 0.4414, 0.4804 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, 93, 7)` looks like.

```
.text, #text, p{  
    color:rgb(108, 93, 7)  
}
```

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, 93, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 93, 7) }
```

Border

The CSS property to change the border of an element to Yxy 11.0322, 0.4414, 0.4804 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, 93, 7) }
```

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

```
.border{ border-color:rgb(108, 93, 7) }
```

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

Here you see how a box with a 4 pixel rgb(108, 93, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 93, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 93, 7);  
box-shadow:4px 4px 4px 4px rgb(108, 93, 7)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0322, 0.4414, 0.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 93, 7) }
```

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

```
.background{ background-color: rgb(108, 93,  
7) }
```

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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