

Converting Colors

$Y_{xy}(11.5614, 0.4065, 0.4232)$

Have a look what the booklet for
Yxy(11.5614, 0.4065, 0.4232)
contains.

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Color

Yxy(11.6152, 0.4060, 0.4236)

Conversions

Conversions Part 1

Format	Color
Hex	6F5E32
RGB	111, 94, 50
RGB Percent	44%, 37%, 20%
CMY	0.5648, 0.6313, 0.8039
CMYK	0.00, 0.15, 0.55, 0.56
HSL	43°, 38%, 32%
HSV	43°, 55%, 44%
XYZ	11.1326, 11.6152, 4.6724
YIQ	94.0670, 24.2560, -10.0800

Conversions

Conversions Part 2

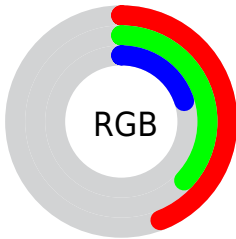
Format	Color
R_{YB}	74, 111, 50
Decimal	7298610
CIE Lab	40.60, 0.68, 27.56
CIE LCh	41, 27.571, 88.585
Yxy	11.6152, 0.4060, 0.4236
Android (android.graphics.Color)	4285488690 (0xFF6F5E32)
YUV	94.0670, -21.7250, 14.8502
Hunter-Lab	34.0811, -1.3348, 15.7283

Details

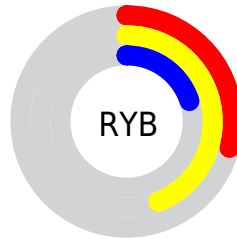
The Yxy color **11.6152, 0.4060, 0.4236** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.8368, 0.2221, 0.2095**, and the grayscale version is **11.2581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7021, 0.3835, 0.4012**, and **3.1148, 0.4499, 0.4666** is the 20% darker color. If you saturate the color by 10%, you get **10.9927, 0.4241, 0.4377**, and if you desaturate by 10%, it is **12.2840, 0.3875, 0.4074**.

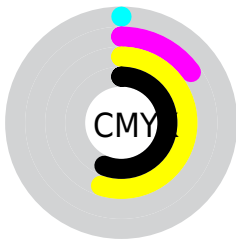
Distribution



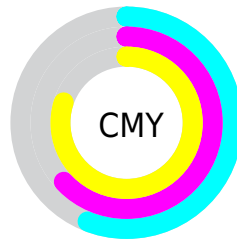
- Red (44%)
- Green (37%)
- Blue (20%)



- Red (29%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (15%)
- Yellow (55%)
- Black (56%)





- Cyan (56%)
- Magenta (63%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6152, 0.4060, 0.4236 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 11.6152, 0.4060, 0.4236 by changing the saturation by 10% instead.


 11.6152, 0.4060,
0.4236


 11.6152, 0.4060,
0.4236


 201.8409, 0.3501,
0.3672


 6.4822, 0.4232,
0.4407


 28.7923, 0.3832,
0.4007


 3.1405, 0.4500,
0.4673

 41.6052, 0.3754,
0.3928

 1.2055, 0.4917,
0.5083

 57.7469, 0.3691,
0.3864

 0.0662, 0.5458,
0.4542

 77.6018, 0.3639,
0.3812

 0.0000, 0.0000,
0.0000

 101.5542, 0.3596,
0.3768

 129.9886, 0.3559,

0.3731

163.2894, 0.3528,
0.3699

■ 11.6152, 0.4060,
0.4236

■ 11.6152, 0.4060,
0.4236

■ 10.9927, 0.4241,
0.4377

■ 12.2840, 0.3875,
0.4074

■ 10.4129, 0.4411,
0.4487

■ 12.9994, 0.3692,
0.3900

■ 9.8742, 0.4562,
0.4559

■ 13.7634, 0.3516,
0.3722

■ 9.3728, 0.4691,
0.4591

■ 14.5776, 0.3351,
0.3544

■ 9.1291, 0.4757,
0.4605

■ 15.4435, 0.3198,
0.3372

■ 16.3624, 0.3058,
0.3209

■ 17.3357, 0.2931,
0.3055

■ 18.3647, 0.2816,
0.2911

■ 19.4504, 0.2712,
0.2779

Harmonies

Analogous

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



11.6152, 0.4333, 0.3840



11.6152, 0.4060, 0.4236



11.6152, 0.3548, 0.4410

Triad

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



11.6152, 0.4060, 0.4236



11.6152, 0.2113, 0.3042



11.6152, 0.3215, 0.2566

Complementary

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



11.6152, 0.4060, 0.4236



5.8368, 0.2221, 0.2095

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.



11.6152, 0.2631, 0.2364



11.6152, 0.4060, 0.4236



11.6152, 0.2045, 0.2581

Square

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



11.6152, 0.4060, 0.4236



11.6152, 0.2430, 0.3664



11.6152, 0.2223, 0.2359



11.6152, 0.3829, 0.2922

Rectangle

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



11.6152, 0.4060, 0.4236



11.6152, 0.3149, 0.4321



11.6152, 0.2223, 0.2359



11.6152, 0.3008, 0.2479

Sweetspot

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



11.6157, 0.4060, 0.4236



25.8884, 0.3375, 0.3570



6.0682, 0.4180, 0.2910



6.1642, 0.3400, 0.3598



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.6157, 0.4060, 0.4236



19.3863, 0.4291, 0.4412



14.1801, 0.3682, 0.4632



3.7669, 0.3259, 0.3441



10.7160, 0.4762, 0.4601



51.8757, 0.4801, 0.4570

Inverse Universe

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



5.8368, 0.2221, 0.2095



7.9045, 0.2008, 0.1760



4.4921, 0.2322, 0.1718



3.4377, 0.2996, 0.3134



2.4604, 0.1614, 0.1009



10.9755, 0.1589, 0.0920

Previews

White Background



This preview shows how the Yxy color 11.6152, 0.4060, 0.4236 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 11.6152, 0.4060, 0.4236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

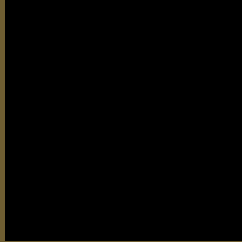
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6152, 0.4060, 0.4236

Background



This preview shows how black text looks on a background with the Yxy color 11.6152, 0.4060, 0.4236.



This preview shows how white text looks on a background with the Yxy color 11.6152, 0.4060, 0.4236.

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

11.6152, 0.4060, 0.4236

Protanopia

11.6689, 0.3941, 0.4288

Deuteranopia

11.5727, 0.4199, 0.4115



Tritanopia

11.6341, 0.3444, 0.3142

Trichromacy



Original Color

11.6152, 0.4060, 0.4236

Protanomaly

11.6116, 0.3985, 0.4256

Deuteranomaly

11.5381, 0.4137, 0.4152

Tritanomaly

11.6241, 0.3696, 0.3553

Monochromacy



Original Color

11.6152, 0.4060, 0.4236

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.2648, 0.3461, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6152, 0.4060, 0.4236 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(111, 94, 50)` looks like.

```
.text, #text, p{  
  color:rgb(111, 94, 50)  
}
```

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(111, 94, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 94, 50) }
```

Border

The CSS property to change the border of an element to Yxy 11.6152, 0.4060, 0.4236 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(111, 94, 50) }
```

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

```
.border{ border-color:rgb(111, 94, 50) }
```

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

Here you see how a box with a 4 pixel rgb(111, 94, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 94, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 94, 50);  
box-shadow:4px 4px 4px 4px rgb(111, 94,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6152, 0.4060, 0.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 94, 50) }
```

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

```
.background{ background-color: rgb(111, 94,  
50) }
```

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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