

Converting Colors

$Y_{xy}(11.8311, 0.3921, 0.4237)$

Have a look what the booklet for
Yxy(11.8311, 0.3921, 0.4237)
contains.

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Color

Yxy(11.7579, 0.3918, 0.4221)

Conversions

Conversions Part 1

Format	Color
Hex	6B6036
RGB	107, 96, 54
RGB Percent	42%, 38%, 21%
CMY	0.5803, 0.6235, 0.7882
CMYK	0.00, 0.10, 0.50, 0.58
HSL	48°, 33%, 32%
HSV	48°, 50%, 42%
XYZ	10.9139, 11.7579, 5.1839
YIQ	94.5010, 20.0380, -10.7300

Conversions

Conversions Part 2

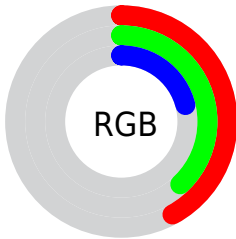
Format	Color
R_{YB}	68, 107, 54
Decimal	7036982
CIE Lab	40.83, -1.93, 25.49
CIE LCh	41, 25.566, 94.322
Yxy	11.7579, 0.3918, 0.4221
Android (android.graphics.Color)	4285227062 (0xFF6B6036)
YUV	94.5010, -19.9670, 10.9616
Hunter-Lab	34.2898, -3.1936, 15.0394

Details

The Yxy color **11.7579, 0.3918, 0.4221** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.6293, 0.2300, 0.2134**, and the grayscale version is **11.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9907, 0.3728, 0.3977**, and **3.2005, 0.4280, 0.4668** is the 20% darker color. If you saturate the color by 10%, you get **11.2684, 0.4082, 0.4386**, and if you desaturate by 10%, it is **12.2821, 0.3749, 0.4039**.

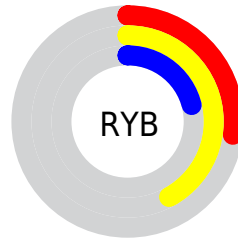
Distribution



Red (42%)

Green (38%)

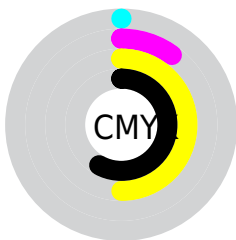
Blue (21%)



Red (27%)

Yellow (42%)

Blue (21%)

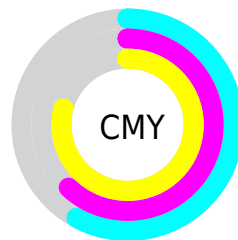


Cyan (0%)

Magenta (10%)

Yellow (50%)

Black (58%)



Cyan (58%)


Magenta (62%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7579, 0.3918, 0.4221 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 11.7579, 0.3918, 0.4221 by changing the saturation by 10% instead.


 11.7579, 0.3918,
0.4221

 11.7579, 0.3918,
0.4221


202.7959, 0.3445,
0.3658


 6.5790, 0.4064,
0.4401


 29.0534, 0.3725,
0.3988


 3.2003, 0.4274,
0.4664


 41.9388, 0.3659,
0.3910


 1.2372, 0.4747,
0.5253

 58.1619, 0.3606,
0.3847

 0.0917, 0.3045,
0.6955

 78.1070, 0.3562,
0.3795

 0.0000, 0.0000,
0.0000

 102.1586, 0.3526,
0.3752

 130.7010, 0.3495,

0.3716

164.1186, 0.3468,
0.3685

■ 11.7579, 0.3918,
0.4221

■ 11.7579, 0.3918,
0.4221

■ 11.2684, 0.4082,
0.4386

■ 12.2821, 0.3749,
0.4039

■ 10.8105, 0.4236,
0.4524

■ 12.8408, 0.3581,
0.3848

■ 10.3829, 0.4373,
0.4629

■ 13.4359, 0.3419,
0.3655

■ 9.9836, 0.4486,
0.4693

■ 14.0686, 0.3265,
0.3465

■ 9.6049, 0.4587,
0.4734

■ 14.7400, 0.3121,
0.3282

■ 9.5879, 0.4592,
0.4736

■ 15.4514, 0.2988,
0.3108

■ 16.2037, 0.2867,
0.2946

■ 16.9979, 0.2756,
0.2795

■ 17.8350, 0.2657,
0.2655

Harmonies

Analogous

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



11.7579, 0.4219, 0.3887



11.7579, 0.3918, 0.4221



11.7579, 0.3418, 0.4314

Triad

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



11.7579, 0.3918, 0.4221



11.7579, 0.2153, 0.2968



11.7579, 0.3323, 0.2669

Complementary

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



11.7579, 0.3918, 0.4221



5.6293, 0.2300, 0.2134

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.



11.7579, 0.2763, 0.2449



11.7579, 0.3918, 0.4221



11.7579, 0.2133, 0.2578

Square

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



11.7579, 0.3918, 0.4221



11.7579, 0.2409, 0.3524



11.7579, 0.2344, 0.2408



11.7579, 0.3870, 0.3026

Rectangle

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



11.7579, 0.3918, 0.4221



11.7579, 0.3046, 0.4180



11.7579, 0.2344, 0.2408



11.7579, 0.3128, 0.2578

Sweetspot

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



11.7584, 0.3918, 0.4221



24.5077, 0.3354, 0.3576



6.1525, 0.4109, 0.3027



5.8887, 0.3379, 0.3606



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.



11.7584, 0.3918, 0.4221



20.0751, 0.4100, 0.4403



13.0610, 0.3582, 0.4525



3.4820, 0.3256, 0.3454



11.6161, 0.4597, 0.4732



57.9177, 0.4624, 0.4710

Inverse Universe

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



5.6293, 0.2300, 0.2134



7.7779, 0.2100, 0.1822



4.9661, 0.2480, 0.1915



3.1178, 0.2997, 0.3120



1.9608, 0.1574, 0.0866



8.9389, 0.1552, 0.0787

Previews

White Background



This preview shows how the Yxy color 11.7579, 0.3918, 0.4221 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 11.7579, 0.3918, 0.4221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

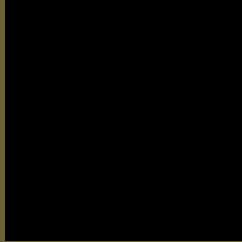
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7579, 0.3918, 0.4221

Background



This preview shows how black text looks on a background with the Yxy color 11.7579, 0.3918, 0.4221.



This preview shows how white text looks on a background with the Yxy color 11.7579, 0.3918, 0.4221.

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

11.7579, 0.3918, 0.4221

Protanopia

11.6963, 0.3901, 0.4227

Deuteranopia

11.7120, 0.4113, 0.4065



Tritanopia

11.7435, 0.3342, 0.3139

Trichromacy



Original Color

11.7579, 0.3918, 0.4221

Protanomaly

11.6963, 0.3901, 0.4227

Deuteranomaly

11.6152, 0.4035, 0.4107

Tritanomaly

11.7529, 0.3570, 0.3535

Monochromacy



Original Color

11.7579, 0.3918, 0.4221

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4163, 0.3411, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7579, 0.3918, 0.4221 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(107, 96, 54)` looks like.

```
.text, #text, p{  
    color:rgb(107, 96, 54)  
}
```

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(107, 96, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 96, 54) }
```

Border

The CSS property to change the border of an element to Yxy 11.7579, 0.3918, 0.4221 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(107, 96, 54) }
```

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

```
.border{ border-color:rgb(107, 96, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 96, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 96, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 96, 54);  
box-shadow:4px 4px 4px 4px rgb(107, 96,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7579, 0.3918, 0.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 96, 54) }
```

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

```
.background{ background-color: rgb(107, 96,  
54) }
```

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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