

Converting Colors

$Y_{xy}(11.9198, 0.3997, 0.5035)$

Have a look what the booklet for
Yxy(11.9198, 0.3997, 0.5035)
contains.

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Color

Yxy(11.9198, 0.3997, 0.5035)

Conversions

Conversions Part 1

Format	Color
Hex	5E6610
RGB	94, 102, 16
RGB Percent	37%, 40%, 6%
CMY	0.6313, 0.6000, 0.9373
CMYK	0.08, 0.00, 0.84, 0.60
HSL	66°, 73%, 23%
HSV	66°, 84%, 40%
XYZ	9.4625, 11.9198, 2.2916
YIQ	89.8040, 22.8380, -28.4420

Conversions

Conversions Part 2

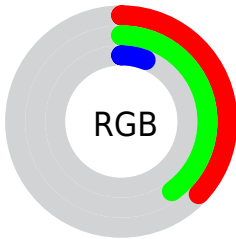
Format	Color
RYB	16, 102, 24
Decimal	6186512
CIELab	41.09, -14.34, 43.21
CIELCh	41, 45.525, 108.354
Yxy	11.9198, 0.3997, 0.5035
Android (android.graphics.Color)	4284376592 (0xFF5E6610)
YUV	89.8040, -36.3854, 3.6799
Hunter-Lab	34.5251, -11.4965, 20.2321

Details

The Yxy color **11.9198, 0.3997, 0.5035** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.5233, 0.1721, 0.0886**, and the grayscale version is **10.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4029, 0.3840, 0.4614**, and **3.2678, 0.3893, 0.5291** is the 20% darker color. If you saturate the color by 10%, you get **11.8459, 0.4026, 0.5125**, and if you desaturate by 10%, it is **12.0087, 0.3947, 0.4909**.

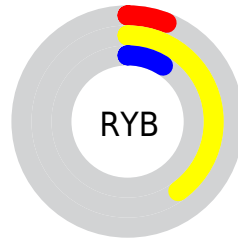
Distribution



Red (37%)

Green (40%)

Blue (6%)



Red (6%)

Yellow (40%)

Blue (9%)

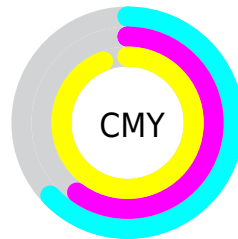


Cyan (8%)

Magenta (0%)

Yellow (84%)

Black (60%)



Cyan (63%)


Magenta (60%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9198, 0.3997, 0.5035 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 11.9198, 0.3997, 0.5035 by changing the saturation by 10% instead.


 11.9198, 0.3997,
0.5035


 11.9198, 0.3997,
0.5035


203.8736, 0.3537,
0.3985


 6.6891, 0.4077,
0.5343


 29.3490, 0.3842,
0.4614


 3.2684, 0.4176,
0.5824

 42.3162, 0.3777,
0.4466

 1.2734, 0.3908,
0.6092

 58.6310, 0.3721,
0.4347

 0.1205, 0.0000,
1.0000

 78.6779, 0.3673,
0.4248


 0.0000, 0.0000,
0.0000


 102.8412, 0.3632,
0.4166


 131.5054, 0.3596,

0.4096


 165.0547, 0.3564,
0.4037


 11.9198, 0.3997,
0.5035

 11.9198, 0.3997,
0.5035


 11.8459, 0.4026,
0.5125


 12.0087, 0.3947,
0.4909

 11.8053, 0.4040,
0.5174

 12.1140, 0.3875,
0.4747

 12.2377, 0.3784,
0.4553

 12.3813, 0.3676,
0.4335

 12.5459, 0.3558,
0.4102

■ 12.7327, 0.3433,
0.3862

■ 12.9428, 0.3306,
0.3622

■ 13.1770, 0.3180,
0.3388

■ 13.4365, 0.3059,
0.3165

Harmonies

Analogous

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



11.9198, 0.4738, 0.4466



11.9198, 0.3997, 0.5035



11.9198, 0.3087, 0.5076

Triad

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



11.9198, 0.3997, 0.5035



11.9198, 0.1493, 0.2329



11.9198, 0.3926, 0.2507

Complementary

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



11.9198, 0.3997, 0.5035



1.5233, 0.1721, 0.0886

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.



11.9198, 0.2899, 0.2068



11.9198, 0.3997, 0.5035



11.9198, 0.1634, 0.1928

Square

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



11.9198, 0.3997, 0.5035



11.9198, 0.1680, 0.3155



11.9198, 0.2097, 0.1862



11.9198, 0.4791, 0.3102

Rectangle

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



11.9198, 0.3997, 0.5035



11.9198, 0.2497, 0.4628



11.9198, 0.2097, 0.1862



11.9198, 0.3578, 0.2338

Sweetspot

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



11.9203, 0.3997, 0.5035



22.2836, 0.3451, 0.3896



3.4810, 0.5758, 0.3408



5.2374, 0.3482, 0.3955



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.9203, 0.3997, 0.5035



20.6804, 0.4036, 0.5177



10.2650, 0.3351, 0.5502



3.2557, 0.3238, 0.3495



15.1540, 0.4038, 0.5176



78.8349, 0.4029, 0.5183

Inverse Universe

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



1.5233, 0.1721, 0.0886



1.7627, 0.1542, 0.0623



2.4933, 0.2405, 0.1239



2.7747, 0.3011, 0.3078



1.3008, 0.1549, 0.0627



6.6018, 0.1524, 0.0613

Previews

White Background



This preview shows how the Yxy color 11.9198, 0.3997, 0.5035 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 11.9198, 0.3997, 0.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

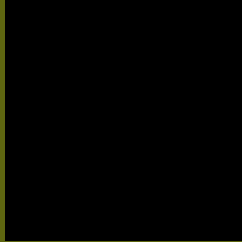
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9198, 0.3997, 0.5035

Background



This preview shows how black text looks on a background with the Yxy color 11.9198, 0.3997, 0.5035.



This preview shows how white text looks on a background with the Yxy color 11.9198, 0.3997, 0.5035.

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

11.9198, 0.3997, 0.5035

Protanopia

11.8351, 0.4323, 0.4796

Deuteranopia

11.8498, 0.4569, 0.4512



Tritanopia

11.9104, 0.3119, 0.3133

Trichromacy



Original Color

11.9198, 0.3997, 0.5035

Protanomaly

11.9012, 0.4209, 0.4884

Deuteranomaly

11.8610, 0.4357, 0.4702

Tritanomaly

11.7870, 0.3513, 0.3928

Monochromacy



Original Color

11.9198, 0.3997, 0.5035

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.5884, 0.3535, 0.4063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9198, 0.3997, 0.5035 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(94, 102, 16)` looks like.

```
.text, #text, p{  
    color:rgb(94, 102, 16)  
}
```

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(94, 102, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 102, 16) }
```

Border

The CSS property to change the border of an element to Yxy 11.9198, 0.3997, 0.5035 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(94, 102, 16) }
```

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

```
.border{ border-color:rgb(94, 102, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 102, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 102, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 102, 16);  
box-shadow:4px 4px 4px 4px rgb(94, 102,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9198, 0.3997, 0.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 102, 16) }
```

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

```
.background{ background-color: rgb(94, 102,  
16) }
```

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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