

Converting Colors

$Y_{xy}(11.4680, 0.3955, 0.5310)$

Have a look what the booklet for
Yxy(11.4680, 0.3955, 0.5310)
contains.

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Color

Yxy(11.4812, 0.3934, 0.5258)

Conversions

Conversions Part 1

Format	Color
Hex	566600
RGB	86, 102, 0
RGB Percent	34%, 40%, 0%
CMY	0.6627, 0.6000, 0.9998
CMYK	0.16, 0.00, 1.00, 0.60
HSL	69°, 100%, 20%
HSV	69°, 100%, 40%
XYZ	8.5902, 11.4812, 1.7643
YIQ	85.5880, 23.2060, -35.1140

Conversions

Conversions Part 2

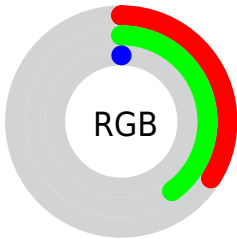
Format	Color
RYB	0, 102, 16
Decimal	5662208
CIELab	40.38, -18.63, 46.60
CIELCh	40, 50.183, 111.794
Yxy	11.4812, 0.3934, 0.5258
Android (android.graphics.Color)	4283852288 (0xFF566600)
YUV	85.5880, -42.1949, 0.3613
Hunter-Lab	33.8839, -14.0440, 20.6315

Details

The Yxy color **11.4812, 0.3934, 0.5258** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.0705, 0.1601, 0.0656**, and the grayscale version is **9.3031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5872, 0.3813, 0.4775**, and **3.1074, 0.3679, 0.5461** is the 20% darker color. If you saturate the color by 10%, you get **11.4813, 0.3934, 0.5258**, and if you desaturate by 10%, it is **11.5809, 0.3919, 0.5160**.

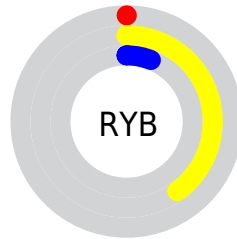
Distribution



Red (34%)

Green (40%)

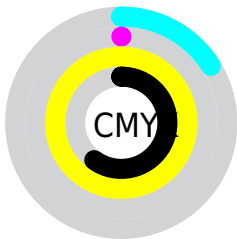
Blue (0%)



Red (0%)

Yellow (40%)

Blue (6%)

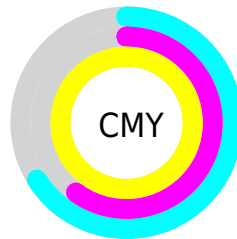


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (66%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4812, 0.3934, 0.5258 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 11.4812, 0.3934, 0.5258 by changing the saturation by 10% instead.

11.4812, 0.3934,
0.5258

11.4812, 0.3934,
0.5258

200.9398, 0.3533,
0.4067

6.3915, 0.4000,
0.5643

28.5466, 0.3815,
0.4781

3.0846, 0.3941,
0.6059

41.2911, 0.3758,
0.4612

1.1760, 0.3515,
0.6485

57.3560, 0.3708,
0.4476

0.0420, 0.0000,
1.0000

77.1256, 0.3663,
0.4365

0.0000, 0.0000,
0.0000

100.9844, 0.3624,
0.4271


129.3168, 0.3590,


0.4192

 162.5071, 0.3560,
0.4125


 11.4812, 0.3934,
0.5258


 11.4812, 0.3934,
0.5258


 11.4813, 0.3934,
0.5258

 11.5809, 0.3919,
0.5160

 11.6890, 0.3893,
0.5044

 11.8142, 0.3844,
0.4889

 11.9581, 0.3774,
0.4699

 12.1221, 0.3686,
0.4483

■ 12.3077, 0.3584,
0.4249

■ 12.5160, 0.3474,
0.4005

■ 12.7481, 0.3358,
0.3760

■ 13.0051, 0.3241,
0.3520

Harmonies

Analogous

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



11.4812, 0.4791, 0.4620



11.4812, 0.3934, 0.5258



11.4812, 0.2938, 0.5257

Triad

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



11.4812, 0.3934, 0.5258



11.4812, 0.1355, 0.2148



11.4812, 0.4143, 0.2495

Complementary

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



11.4812, 0.3934, 0.5258



1.0705, 0.1601, 0.0656

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.



11.4812, 0.2989, 0.2003



11.4812, 0.3934, 0.5258



11.4812, 0.1545, 0.1778

Square

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



11.4812, 0.3934, 0.5258



11.4812, 0.1501, 0.2990



11.4812, 0.2077, 0.1751



11.4812, 0.5053, 0.3141

Rectangle

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



11.4812, 0.3934, 0.5258



11.4812, 0.2311, 0.4682



11.4812, 0.2077, 0.1751



11.4812, 0.3755, 0.2308

Sweetspot

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



11.4817, 0.3934, 0.5258



21.9161, 0.3484, 0.4027



3.1760, 0.6182, 0.3472



5.1441, 0.3517, 0.4099



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.



11.4817, 0.3934, 0.5258



20.0979, 0.3927, 0.5264



9.8728, 0.3225, 0.5821



3.2473, 0.3229, 0.3495



14.7326, 0.3930, 0.5261



76.5282, 0.3914, 0.5274

Inverse Universe

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



1.0705, 0.1601, 0.0656



1.8396, 0.1582, 0.0645



2.1293, 0.2389, 0.1090



2.7824, 0.3020, 0.3079



1.3606, 0.1591, 0.0650



6.8376, 0.1557, 0.0631

Previews

White Background



This preview shows how the Yxy color 11.4812, 0.3934, 0.5258 looks on a white background.

Color Contrast Check

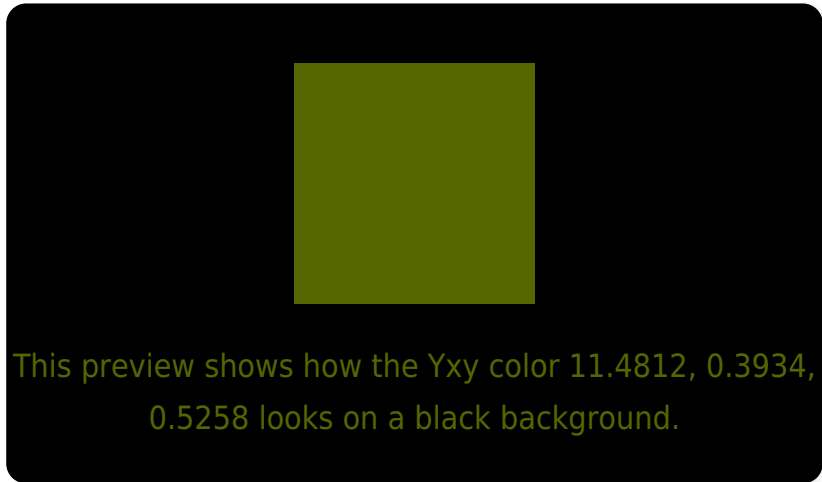
Large Text (above 18pt) WCAG AA ✓ Pass

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

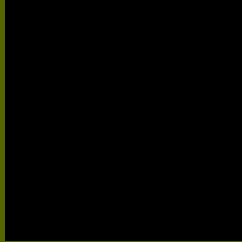
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4812, 0.3934, 0.5258

Background



This preview shows how black text looks on a background with the Yxy color 11.4812, 0.3934, 0.5258.



This preview shows how white text looks on a background with the Yxy color 11.4812, 0.3934, 0.5258.

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

11.4812, 0.3934, 0.5258

Protanopia

11.3102, 0.4394, 0.4893

Deuteranopia

11.3491, 0.4601, 0.4537



Tritanopia

11.5234, 0.3015, 0.3128

Trichromacy



Original Color

11.4812, 0.3934, 0.5258

Protanomaly

11.3880, 0.4210, 0.5039

Deuteranomaly

11.2177, 0.4378, 0.4792

Tritanomaly

11.3412, 0.3484, 0.4100

Monochromacy



Original Color

11.4812, 0.3934, 0.5258

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.9086, 0.3578, 0.4244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4812, 0.3934, 0.5258 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(86, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(86, 102, 0)  
}
```

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(86, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 102, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4812, 0.3934, 0.5258 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(86, 102, 0) }
```

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

```
.border{ border-color:rgb(86, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(86, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(86, 102, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4812, 0.3934, 0.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 102, 0) }
```

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

```
.background{ background-color: rgb(86, 102,  
0) }
```

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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