

Converting Colors

$Y_{xy}(14.1497, 0.3864, 0.5095)$

Have a look what the booklet for
Yxy(14.1497, 0.3864, 0.5095)
contains.

| | |
|--|----|
| Yxy(14.1293, 0.3875, 0.5091) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(14.1293, 0.3875, 0.5091)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 607015 |
| RGB | 96, 112, 21 |
| RGB Percent | 38%, 44%, 8% |
| CMY | 0.6235, 0.5608, 0.9176 |
| CMYK | 0.14, 0.00, 0.81, 0.56 |
| HSL | 71°, 68%, 26% |
| HSV | 71°, 81%, 44% |
| XYZ | 10.7545, 14.1293, 2.8697 |
| YIQ | 96.8420, 19.6750, -31.6930 |

Conversions

Conversions Part 2

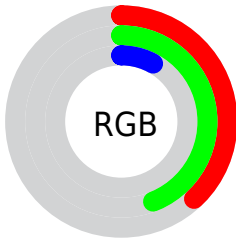
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 112, 37 |
| Decimal | 6320149 |
| CIE _{Lab} | 44.42, -18.59, 44.65 |
| CIE _{LCh} | 44, 48.363, 112.600 |
| Yxy | 14.1293, 0.3875, 0.5091 |
| Android (android.graphics.Color) | 4284510229 (0xFF607015) |
| YUV | 96.8420, -37.3901, -0.7384 |
| Hunter-Lab | 37.5890, -14.7105, 21.7858 |

Details

The Yxy color **14.1293, 0.3875, 0.5091** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.0993, 0.1833, 0.0973**, and the grayscale version is **12.0040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4215, 0.3751, 0.4666**, and **4.2476, 0.3760, 0.5396** is the 20% darker color. If you saturate the color by 10%, you get **13.9919, 0.3893, 0.5203**, and if you desaturate by 10%, it is **14.2893, 0.3833, 0.4938**.

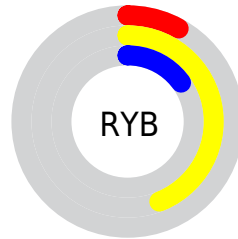
Distribution



Red (38%)

Green (44%)

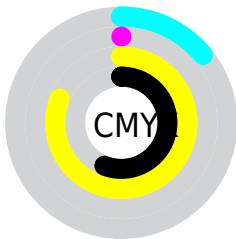
Blue (8%)



Red (8%)

Yellow (44%)

Blue (15%)

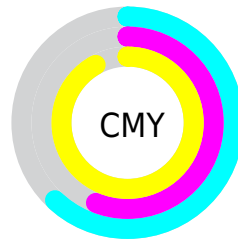


Cyan (14%)

Magenta (0%)

Yellow (81%)

Black (56%)



Cyan (62%)


Magenta (56%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1293, 0.3875, 0.5091 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 14.1293, 0.3875, 0.5091 by changing the saturation by 10% instead.


 14.1293, 0.3875,
0.5091


 14.1293, 0.3875,
0.5091


 218.0337, 0.3500,
0.4018

 8.2107, 0.3924,
0.5399


 33.3183, 0.3756,
0.4662


 4.2300, 0.4039,
0.5961

 47.3574, 0.3703,
0.4512


 1.8031, 0.3753,
0.6247

 64.8721, 0.3657,
0.4389

 0.4891, 0.0223,
0.9777

 86.2469, 0.3617,
0.4289


 0.0000, 0.0000,
0.0000


 111.8660, 0.3582,
0.4204


 142.1139, 0.3551,

0.4133


 177.3750, 0.3524,
0.4071


 14.1293, 0.3875,
0.5091


 14.1293, 0.3875,
0.5091


 13.9919, 0.3893,
0.5203


 14.2893, 0.3833,
0.4938

 13.8803, 0.3900,
0.5286

 14.4720, 0.3770,
0.4749

 14.6802, 0.3687,
0.4532

 14.9154, 0.3590,
0.4295

 15.1792, 0.3482,
0.4048

■ 15.4730, 0.3369,
0.3798

■ 15.7981, 0.3255,
0.3553

■ 16.1558, 0.3141,
0.3318

■ 16.5472, 0.3031,
0.3097

Harmonies

Analogous

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



14.1293, 0.4656, 0.4563



14.1293, 0.3875, 0.5091



14.1293, 0.2956, 0.5020

Triad

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



14.1293, 0.3875, 0.5091



14.1293, 0.1489, 0.2244



14.1293, 0.4074, 0.2581

Complementary

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



14.1293, 0.3875, 0.5091



2.0993, 0.1833, 0.0973

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.



14.1293, 0.3036, 0.2114



14.1293, 0.3875, 0.5091



14.1293, 0.1676, 0.1896

Square

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



14.1293, 0.3875, 0.5091



14.1293, 0.1627, 0.3010



14.1293, 0.2187, 0.1871



14.1293, 0.4879, 0.3193

Rectangle

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



14.1293, 0.3875, 0.5091



14.1293, 0.2380, 0.4495



14.1293, 0.2187, 0.1871



14.1293, 0.3728, 0.2405

Sweetspot

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



14.1299, 0.3875, 0.5091



27.0020, 0.3408, 0.3882



4.7708, 0.5537, 0.3544



6.4523, 0.3440, 0.3952



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.



14.1299, 0.3875, 0.5091



24.4023, 0.3893, 0.5269



12.3549, 0.3268, 0.5522



3.8881, 0.3229, 0.3500



16.0380, 0.3897, 0.5287



79.5587, 0.3881, 0.5301

Inverse Universe

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



2.0993, 0.1833, 0.0973



2.4129, 0.1618, 0.0685



3.4851, 0.2577, 0.1352



3.3261, 0.3020, 0.3075



1.5124, 0.1603, 0.0657



7.2605, 0.1568, 0.0638

Previews

White Background



This preview shows how the Yxy color 14.1293, 0.3875, 0.5091 looks on a white background.

Color Contrast Check

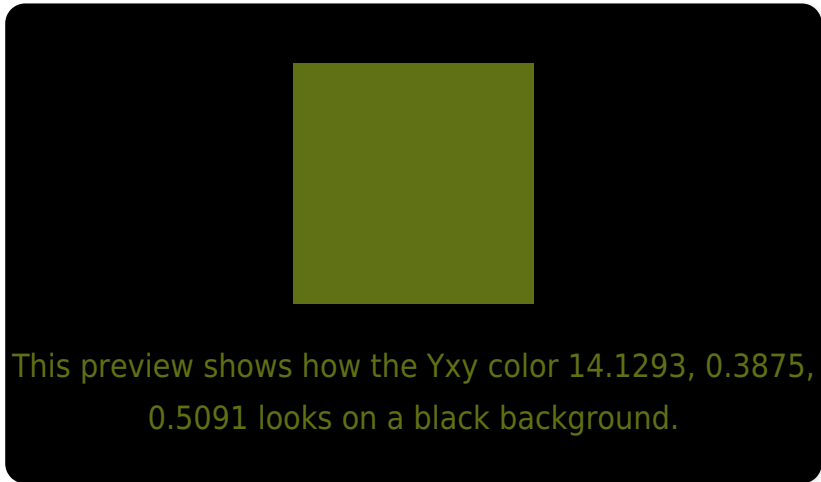
Large Text (above 18pt) WCAG AA ✓ Pass

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

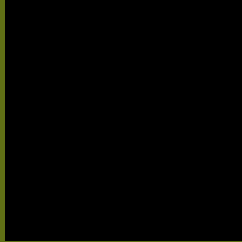
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1293, 0.3875, 0.5091

Background



This preview shows how black text looks on a background with the Yxy color 14.1293, 0.3875, 0.5091.

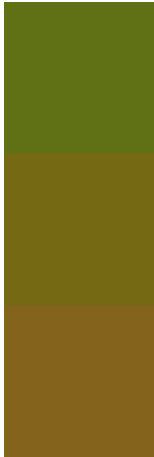


This preview shows how white text looks on a background with the Yxy color 14.1293, 0.3875, 0.5091.

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

14.1293, 0.3875, 0.5091

Protanopia

14.0017, 0.4315, 0.4780

Deuteranopia

14.1037, 0.4541, 0.4484



Tritanopia

14.0961, 0.3025, 0.3100

Trichromacy



Original Color

14.1293, 0.3875, 0.5091

Protanomaly

14.0906, 0.4144, 0.4899

Deuteranomaly

13.8928, 0.4308, 0.4700

Tritanomaly

13.9194, 0.3410, 0.3895

Monochromacy



Original Color

14.1293, 0.3875, 0.5091

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.4738, 0.3503, 0.4063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1293, 0.3875, 0.5091 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(96, 112, 21)` looks like.

```
.text, #text, p{  
    color:rgb(96, 112, 21)  
}
```

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(96, 112, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 112, 21) }
```

Border

The CSS property to change the border of an element to Yxy 14.1293, 0.3875, 0.5091 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(96, 112, 21) }
```

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

```
.border{ border-color:rgb(96, 112, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 112, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 112, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 112, 21);  
box-shadow:4px 4px 4px 4px rgb(96, 112,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1293, 0.3875, 0.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 112, 21) }
```

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

```
.background{ background-color: rgb(96, 112,  
21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor