

Converting Colors

$Y_{xy}(14.1320, 0.3547, 0.4602)$

Have a look what the booklet for
Yxy(14.1320, 0.3547, 0.4602)
contains.

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Color

Yxy(14.1300, 0.3548, 0.4610)

Conversions

Conversions Part 1

Format	Color
Hex	5C7036
RGB	92, 112, 54
RGB Percent	36%, 44%, 21%
CMY	0.6392, 0.5608, 0.7882
CMYK	0.18, 0.00, 0.52, 0.56
HSL	81°, 35%, 33%
HSV	81°, 52%, 44%
XYZ	10.8749, 14.1300, 5.6459
YIQ	99.4080, 6.6980, -22.2780

Conversions

Conversions Part 2

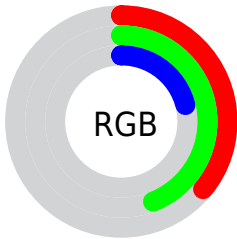
Format	Color
RYB	54, 112, 74
Decimal	6058038
CIELab	44.42, -17.69, 29.59
CIELCh	44, 34.476, 120.873
Yxy	14.1300, 0.3548, 0.4610
Android (android.graphics.Color)	4284248118 (0xFF5C7036)
YUV	99.4080, -22.3861, -6.4968
Hunter-Lab	37.5899, -14.1416, 17.4078

Details

The Yxy color **14.1300, 0.3548, 0.4610** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.2654, 0.2497, 0.1860**, and the grayscale version is **12.6434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3499, 0.3465, 0.4279**, and **4.2176, 0.3643, 0.5279** is the 20% darker color. If you saturate the color by 10%, you get **13.8434, 0.3601, 0.4856**, and if you desaturate by 10%, it is **14.4522, 0.3480, 0.4349**.

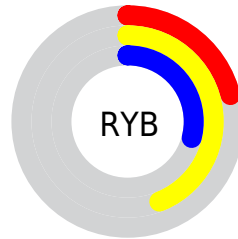
Distribution



Red (36%)

Green (44%)

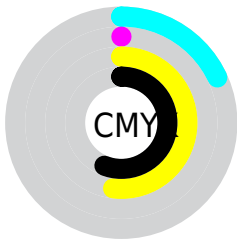
Blue (21%)



Red (21%)

Yellow (44%)

Blue (29%)

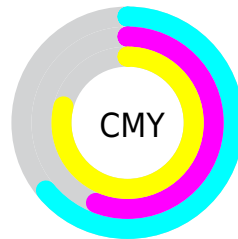


Cyan (18%)

Magenta (0%)

Yellow (52%)

Black (56%)



Cyan (64%)


Magenta (56%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1300, 0.3548, 0.4610 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 14.1300, 0.3548, 0.4610 by changing the saturation by 10% instead.


 14.1300, 0.3548,
0.4610


 14.1300, 0.3548,
0.4610


218.0381, 0.3324,
0.3800


 8.2111, 0.3595,
0.4880


 33.3195, 0.3468,
0.4270


 4.2303, 0.3636,
0.5274

 47.3590, 0.3437,
0.4156


 1.8032, 0.3809,
0.6191

 64.8741, 0.3410,
0.4066

 0.4892, 0.0634,
0.9366

 86.2492, 0.3388,
0.3993

 0.0000, 0.0000,
0.0000

 111.8688, 0.3368,
0.3932

 142.1172, 0.3351,

0.3881

177.3788, 0.3337,
0.3837

■ 14.1300, 0.3548,
0.4610

■ 14.1300, 0.3548,
0.4610

■ 13.8434, 0.3601,
0.4856

■ 14.4522, 0.3480,
0.4349

■ 13.5887, 0.3635,
0.5076

■ 14.8099, 0.3402,
0.4083

■ 13.3645, 0.3648,
0.5260

■ 15.2052, 0.3317,
0.3821

■ 13.1684, 0.3639,
0.5402

■ 15.6395, 0.3230,
0.3569

■ 13.0201, 0.3624,
0.5505

■ 16.1142, 0.3142,
0.3331

■ 16.6306, 0.3057,
0.3109

■ 17.1899, 0.2975,
0.2906

■ 17.7933, 0.2897,
0.2720

■ 18.4418, 0.2824,
0.2552

Harmonies

Analogous

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



14.1300, 0.4160, 0.4404



14.1300, 0.3548, 0.4610



14.1300, 0.2858, 0.4347

Triad

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



14.1300, 0.3548, 0.4610



14.1300, 0.1893, 0.2433



14.1300, 0.3997, 0.2896

Complementary

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



14.1300, 0.3548, 0.4610



5.2654, 0.2497, 0.1860

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.



14.1300, 0.3280, 0.2485



14.1300, 0.3548, 0.4610



14.1300, 0.2114, 0.2211

Square

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



14.1300, 0.3548, 0.4610



14.1300, 0.1944, 0.2937



14.1300, 0.2594, 0.2241



14.1300, 0.4471, 0.3406

Rectangle

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



14.1300, 0.3548, 0.4610



14.1300, 0.2448, 0.3921



14.1300, 0.2594, 0.2241



14.1300, 0.3771, 0.2745

Sweetspot

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



14.1306, 0.3548, 0.4610



27.1121, 0.3271, 0.3684



8.5215, 0.4260, 0.3722



6.4852, 0.3284, 0.3724



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.



14.1306, 0.3548, 0.4610



24.2328, 0.3609, 0.4899



12.9339, 0.3165, 0.4786



3.8615, 0.3206, 0.3501



15.0395, 0.3620, 0.5508



74.4270, 0.3589, 0.5532

Inverse Universe

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



5.2654, 0.2497, 0.1860



6.8022, 0.2313, 0.1516



6.6540, 0.3002, 0.2046



3.3512, 0.3044, 0.3076



1.8302, 0.1796, 0.0763



8.6804, 0.1744, 0.0735

Previews

White Background



This preview shows how the Yxy color 14.1300, 0.3548, 0.4610 looks on a white background.

Color Contrast Check

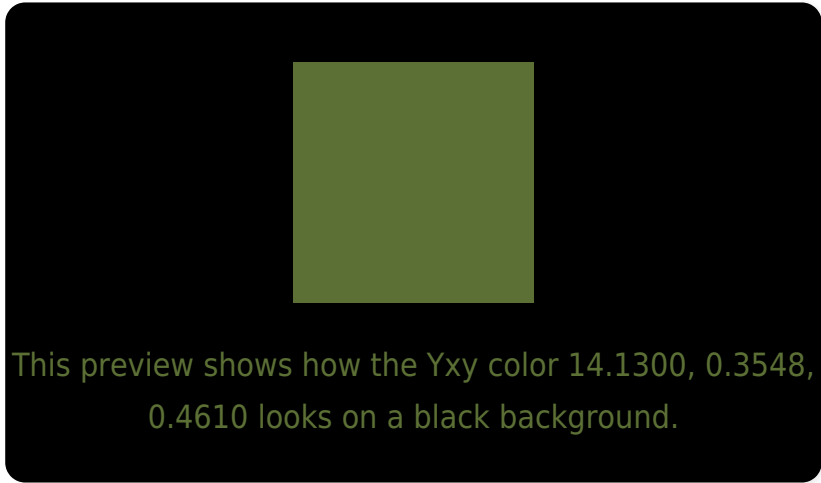
Large Text (above 18pt) WCAG AA ✓ Pass

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

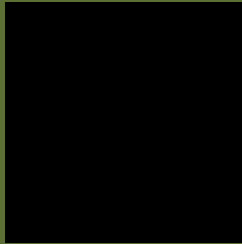
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1300, 0.3548, 0.4610

Background



This preview shows how black text looks on a background with the Yxy color 14.1300, 0.3548, 0.4610.



This preview shows how white text looks on a background with the Yxy color 14.1300, 0.3548, 0.4610.

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

14.1300, 0.3548, 0.4610

Protanopia

14.0641, 0.3995, 0.4365

Deuteranopia

13.9989, 0.4173, 0.4115



Tritanopia

14.0274, 0.2946, 0.3097

Trichromacy



Original Color

14.1300, 0.3548, 0.4610

Protanomaly

14.1080, 0.3815, 0.4460

Deuteranomaly

13.8310, 0.3942, 0.4281

Tritanomaly

14.0392, 0.3179, 0.3651

Monochromacy



Original Color

14.1300, 0.3548, 0.4610

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.0120, 0.3291, 0.3778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1300, 0.3548, 0.4610 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(92, 112, 54)` looks like.

```
.text, #text, p{  
    color:rgb(92, 112, 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(92, 112, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 54) }
```

Border

The CSS property to change the border of an element to Yxy 14.1300, 0.3548, 0.4610 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(92, 112, 54) }
```

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

```
.border{ border-color:rgb(92, 112, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 112, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 54);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1300, 0.3548, 0.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 54) }
```

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

```
.background{ background-color: rgb(92, 112,  
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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