

Converting Colors

$Y_{xy}(14.0382, 0.3607, 0.5471)$

Have a look what the booklet for
Yxy(14.0382, 0.3607, 0.5471)
contains.

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Color

Yxy(14.0382, 0.3607, 0.5471)

Conversions

Conversions Part 1

Format	Color
Hex	4C7405
RGB	76, 116, 5
RGB Percent	30%, 45%, 2%
CMY	0.7018, 0.5451, 0.9803
CMYK	0.34, 0.00, 0.96, 0.55
HSL	82°, 92%, 24%
HSV	82°, 96%, 45%
XYZ	9.2553, 14.0382, 2.3658
YIQ	91.3860, 11.7910, -43.0010

Conversions

Conversions Part 2

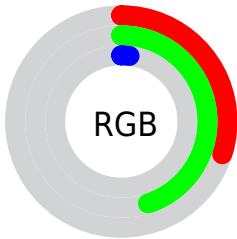
Format	Color
RYB	5, 116, 45
Decimal	5010437
CIELab	44.29, -29.83, 48.14
CIELCh	44, 56.629, 121.786
Yxy	14.0382, 0.3607, 0.5471
Android (android.graphics.Color)	4283200517 (0xFF4C7405)
YUV	91.3860, -42.5883, -13.4935
Hunter-Lab	37.4676, -21.4749, 22.4836

Details

The Yxy color **14.0382, 0.3607, 0.5471** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.9273, 0.1874, 0.0842**, and the grayscale version is **10.6539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0426, 0.3580, 0.4933**, and **4.2085, 0.3275, 0.5782** is the 20% darker color. If you saturate the color by 10%, you get **13.9548, 0.3598, 0.5525**, and if you desaturate by 10%, it is **14.2439, 0.3626, 0.5341**.

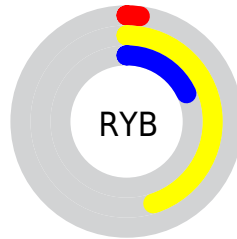
Distribution



Red (30%)

Green (45%)

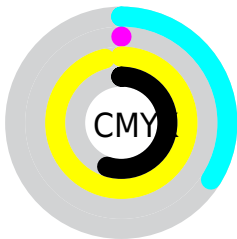
Blue (2%)



Red (2%)

Yellow (45%)

Blue (18%)

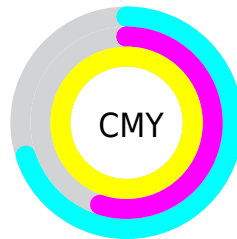


Cyan (34%)

Magenta (0%)

Yellow (96%)

Black (55%)



Cyan (70%)


Magenta (55%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0382, 0.3607, 0.5471 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 14.0382, 0.3607, 0.5471 by changing the saturation by 10% instead.


 14.0382, 0.3607,
0.5471


 14.0382, 0.3607,
0.5471


217.4683, 0.3420,
0.4144


 8.1472, 0.3578,
0.5869

 33.1568, 0.3577,
0.4932

 4.1893, 0.3506,
0.6494

 47.1532, 0.3551,
0.4746

 1.7800, 0.3034,
0.6966

 64.6202, 0.3525,
0.4595

 0.4747, 0.0000,
1.0000

 85.9423, 0.3500,
0.4472


 0.0000, 0.0000,
0.0000


 111.5037, 0.3477,
0.4369


 141.6889, 0.3456,


0.4283

 176.8823, 0.3437,
0.4208

 14.0382, 0.3607,
0.5471


 14.0382, 0.3607,
0.5471


 13.9548, 0.3598,
0.5525

 14.2439, 0.3626,
0.5341

 14.4776, 0.3625,
0.5171

 14.7443, 0.3601,
0.4961

 15.0464, 0.3558,
0.4721

 15.3860, 0.3498,
0.4461

■ 15.7650, 0.3426,
0.4193

■ 16.1851, 0.3345,
0.3926

■ 16.6481, 0.3261,
0.3667

■ 17.1555, 0.3175,
0.3422

Harmonies

Analogous

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



14.0382, 0.4578, 0.4916



14.0382, 0.3607, 0.5471



14.0382, 0.2575, 0.5136

Triad

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



14.0382, 0.3607, 0.5471



14.0382, 0.1315, 0.1917



14.0382, 0.4577, 0.2666

Complementary

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



14.0382, 0.3607, 0.5471



1.9273, 0.1874, 0.0842

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.



14.0382, 0.3371, 0.2094



14.0382, 0.3607, 0.5471



14.0382, 0.1622, 0.1672

Square

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



14.0382, 0.3607, 0.5471



14.0382, 0.1340, 0.2608



14.0382, 0.2299, 0.1746



14.0382, 0.5315, 0.3359

Rectangle

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



14.0382, 0.3607, 0.5471



14.0382, 0.1983, 0.4324



14.0382, 0.2299, 0.1746



14.0382, 0.4195, 0.2456

Sweetspot

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



14.0388, 0.3607, 0.5471



28.1436, 0.3379, 0.4034



5.5148, 0.5634, 0.3824



6.6543, 0.3406, 0.4126



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.0388, 0.3607, 0.5471



24.4582, 0.3584, 0.5537



12.6678, 0.3067, 0.5890



4.2035, 0.3204, 0.3503



15.6509, 0.3595, 0.5528



75.7735, 0.3564, 0.5552

Inverse Universe

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



1.9273, 0.1874, 0.0842



3.0057, 0.1798, 0.0764



4.0422, 0.2864, 0.1380



3.6481, 0.3045, 0.3075



1.9522, 0.1817, 0.0774



9.0690, 0.1766, 0.0746

Previews

White Background



This preview shows how the Yxy color 14.0382, 0.3607, 0.5471 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 14.0382, 0.3607, 0.5471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

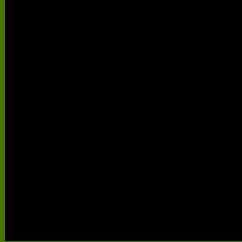
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0382, 0.3607, 0.5471

Background



This preview shows how black text looks on a background with the Yxy color 14.0382, 0.3607, 0.5471.



This preview shows how white text looks on a background with the Yxy color 14.0382, 0.3607, 0.5471.

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

14.0382, 0.3607, 0.5471

Protanopia

13.9547, 0.4392, 0.4894

Deuteranopia

13.8911, 0.4593, 0.4514



Tritanopia

14.0608, 0.2776, 0.3112

Trichromacy



Original Color

14.0382, 0.3607, 0.5471

Protanomaly

13.8252, 0.4095, 0.5113

Deuteranomaly

13.5853, 0.4239, 0.4869

Tritanomaly

13.7755, 0.3191, 0.4130

Monochromacy



Original Color

14.0382, 0.3607, 0.5471

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

11.4190, 0.3460, 0.4289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0382, 0.3607, 0.5471 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(76, 116, 5)` looks like.

```
.text, #text, p{  
    color:rgb(76, 116, 5)  
}
```

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(76, 116, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 116, 5) }
```

Border

The CSS property to change the border of an element to Yxy 14.0382, 0.3607, 0.5471 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(76, 116, 5) }
```

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

```
.border{ border-color:rgb(76, 116, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 116, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 116, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 116, 5);  
box-shadow:4px 4px 4px 4px rgb(76, 116, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0382, 0.3607, 0.5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 116, 5) }
```

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

```
.background{ background-color: rgb(76, 116,  
5) }
```

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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