

Converting Colors

$Y_{xy}(14.3144, 0.3594, 0.4579)$

Have a look what the booklet for
Yxy(14.3144, 0.3594, 0.4579)
contains.

Yxy(14.2876, 0.3592, 0.4590)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.2876, 0.3592, 0.4590)

Conversions

Conversions Part 1

Format	Color
Hex	5F7036
RGB	95, 112, 54
RGB Percent	37%, 44%, 21%
CMY	0.6274, 0.5608, 0.7882
CMYK	0.15, 0.00, 0.52, 0.56
HSL	78°, 35%, 33%
HSV	78°, 52%, 44%
XYZ	11.1811, 14.2876, 5.6590
YIQ	100.3050, 8.4860, -21.6420

Conversions

Conversions Part 2

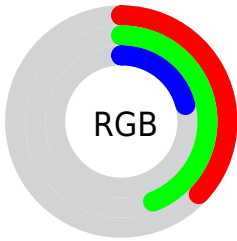
Format	Color
RYB	54, 112, 71
Decimal	6254646
CIELab	44.64, -16.40, 29.92
CIELCh	45, 34.118, 118.728
Yxy	14.2876, 0.3592, 0.4590
Android (android.graphics.Color)	4284444726 (0xFF5F7036)
YUV	100.3050, -22.8284, -4.6525
Hunter-Lab	37.7989, -13.3472, 17.5827

Details

The Yxy color **14.2876, 0.3592, 0.4590** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.1476, 0.2448, 0.1842**, and the grayscale version is **12.8852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7133, 0.3505, 0.4266**, and **4.2865, 0.3713, 0.5228** is the 20% darker color. If you saturate the color by 10%, you get **14.0229, 0.3654, 0.4827**, and if you desaturate by 10%, it is **14.5852, 0.3515, 0.4337**.

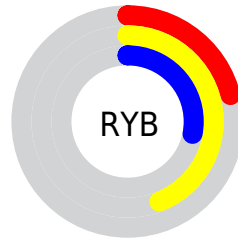
Distribution



Red (37%)

Green (44%)

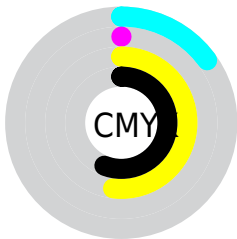
Blue (21%)



Red (21%)

Yellow (44%)

Blue (28%)

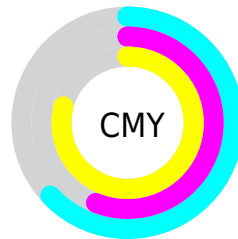


Cyan (15%)

Magenta (0%)

Yellow (52%)

Black (56%)



Cyan (63%)


Magenta (56%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2876, 0.3592, 0.4590 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 14.2876, 0.3592, 0.4590 by changing the saturation by 10% instead.


 14.2876, 0.3592,
0.4590


 14.2876, 0.3592,
0.4590


219.0127, 0.3341,
0.3796


 8.3210, 0.3648,
0.4851


 33.5985, 0.3501,
0.4258

 4.3010, 0.3702,
0.5230

 47.7115, 0.3466,
0.4147

 1.8433, 0.3897,
0.6103

 65.3088, 0.3437,
0.4059

 0.5140, 0.1465,
0.8535

 86.7747, 0.3412,
0.3987

 0.0000, 0.0000,
0.0000

 112.4936, 0.3390,
0.3927

 142.8500, 0.3372,

0.3876

178.2283, 0.3355,
0.3833

■ 14.2876, 0.3592,
0.4590

■ 14.2876, 0.3592,
0.4590

■ 14.0229, 0.3654,
0.4827

■ 14.5852, 0.3515,
0.4337

■ 13.7874, 0.3696,
0.5037

■ 14.9155, 0.3428,
0.4076

■ 13.5798, 0.3717,
0.5211

■ 15.2805, 0.3335,
0.3818

■ 13.3976, 0.3716,
0.5343

■ 15.6816, 0.3239,
0.3568

■ 13.2592, 0.3707,
0.5439

■ 16.1201, 0.3144,
0.3331

■ 16.5974, 0.3051,
0.3109

■ 17.1144, 0.2962,
0.2904

■ 17.6724, 0.2878,
0.2717

■ 18.2724, 0.2799,
0.2547

Harmonies

Analogous

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



14.2876, 0.4183, 0.4363



14.2876, 0.3592, 0.4590



14.2876, 0.2910, 0.4366

Triad

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



14.2876, 0.3592, 0.4590



14.2876, 0.1902, 0.2471



14.2876, 0.3939, 0.2869

Complementary

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



14.2876, 0.3592, 0.4590



5.1476, 0.2448, 0.1842

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.



14.2876, 0.3226, 0.2471



14.2876, 0.3592, 0.4590



14.2876, 0.2102, 0.2231

Square

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



14.2876, 0.3592, 0.4590



14.2876, 0.1973, 0.2989



14.2876, 0.2559, 0.2243



14.2876, 0.4432, 0.3369

Rectangle

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



14.2876, 0.3592, 0.4590



14.2876, 0.2497, 0.3962



14.2876, 0.2559, 0.2243



14.2876, 0.3712, 0.2721

Sweetspot

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



14.2882, 0.3592, 0.4590



27.2150, 0.3284, 0.3683



8.1461, 0.4295, 0.3658



6.5121, 0.3299, 0.3722



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.



14.2882, 0.3592, 0.4590



24.5558, 0.3663, 0.4868



13.0324, 0.3201, 0.4770



3.8696, 0.3213, 0.3501



15.3172, 0.3703, 0.5442



75.8429, 0.3676, 0.5463

Inverse Universe

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



5.1476, 0.2448, 0.1842



6.5863, 0.2252, 0.1489



6.4858, 0.2949, 0.2026



3.3434, 0.3037, 0.3076



1.7112, 0.1726, 0.0724



8.1305, 0.1678, 0.0698

Previews

White Background



This preview shows how the Yxy color 14.2876, 0.3592, 0.4590 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 14.2876, 0.3592, 0.4590 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 14.2876, 0.3592, 0.4590

Background



This preview shows how black text looks on a background with the Yxy color 14.2876, 0.3592, 0.4590.



This preview shows how white text looks on a background with the Yxy color 14.2876, 0.3592, 0.4590.

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

14.2876, 0.3592, 0.4590

Protanopia

14.3379, 0.4000, 0.4375

Deuteranopia

14.0769, 0.4189, 0.4109



Tritanopia

14.1428, 0.2973, 0.3098

Trichromacy



Original Color

14.2876, 0.3592, 0.4590

Protanomaly

14.2334, 0.3846, 0.4446

Deuteranomaly

13.9681, 0.3973, 0.4269

Tritanomaly

14.1505, 0.3207, 0.3648

Monochromacy



Original Color

14.2876, 0.3592, 0.4590

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.1218, 0.3321, 0.3773

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2876, 0.3592, 0.4590 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(95, 112, 54)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 112, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 112, 54) }
```

Border

The CSS property to change the border of an element to Yxy 14.2876, 0.3592, 0.4590 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(95, 112, 54) }
```

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

```
.border{ border-color:rgb(95, 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(95, 112, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 112, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 112, 54);  
box-shadow:4px 4px 4px 4px rgb(95, 112,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2876, 0.3592, 0.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 112, 54) }
```

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

```
.background{ background-color: rgb(95, 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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