

Converting Colors

$Y_{xy}(29.2938, 0.3435, 0.5589)$

Have a look what the booklet for
Yxy(29.2938, 0.3435, 0.5589)
contains.

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Color

Yxy(29.2173, 0.3433, 0.5589)

Conversions

Conversions Part 1

Format	Color
Hex	5CA50E
RGB	92, 165, 14
RGB Percent	36%, 65%, 5%
CMY	0.6393, 0.3529, 0.9447
CMYK	0.44, 0.00, 0.91, 0.35
HSL	89°, 84%, 35%
HSV	89°, 91%, 65%
XYZ	17.9465, 29.2173, 5.1126
YIQ	125.9590, 4.9630, -62.4370

Conversions

Conversions Part 2

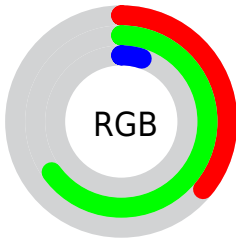
Format	Color
RYB	14, 165, 87
Decimal	6071566
CIELab	60.97, -44.93, 60.56
CIELCh	61, 75.407, 126.575
Yxy	29.2173, 0.3433, 0.5589
Android (android.graphics.Color)	4284261646 (0xFF5CA50E)
YUV	125.9590, -55.1958, -29.7820
Hunter-Lab	54.0530, -35.3278, 32.2291

Details

The Yxy color **29.2173, 0.3433, 0.5589** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.0672, 0.2097, 0.0975**, and the grayscale version is **21.0421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6525, 0.3454, 0.5113**, and **11.8796, 0.3149, 0.5882** is the 20% darker color. If you saturate the color by 10%, you get **28.8506, 0.3394, 0.5687**, and if you desaturate by 10%, it is **29.7165, 0.3466, 0.5435**.

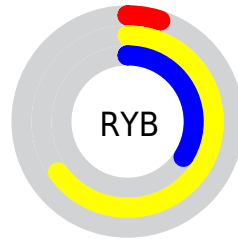
Distribution



Red (36%)

Green (65%)

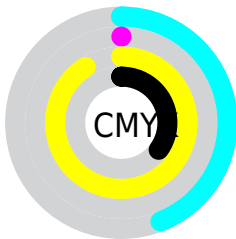
Blue (5%)



Red (5%)

Yellow (65%)

Blue (34%)

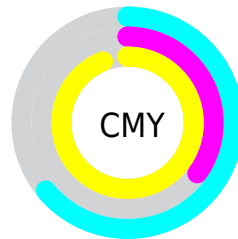


Cyan (44%)

Magenta (0%)

Yellow (91%)

Black (35%)



Cyan (64%)


Magenta (35%)


Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2173, 0.3433, 0.5589 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 29.2173, 0.3433, 0.5589 by changing the saturation by 10% instead.


 29.2173, 0.3433,
0.5589


 29.2173, 0.3433,
0.5589

298.2389, 0.3377,
0.4311

 19.2453, 0.3387,
0.5920


 58.4222, 0.3451,
0.5107

 11.8476, 0.3285,
0.6338


 78.4238, 0.3445,
0.4929


 6.6400, 0.3093,
0.6907


 102.5374, 0.3435,
0.4782

 3.2380, 0.2603,
0.7397

 131.1473, 0.3423,
0.4657

 1.2572, 0.0439,
0.9561

 164.6381, 0.3411,
0.4551

 0.1077, 0.0000,
1.0000

 203.3940, 0.3400,

 0.0000, 0.0000,

0.4460

0.0000

247.7994, 0.3388,
0.4381

29.2173, 0.3433,
0.5589

29.2173, 0.3433,
0.5589

28.8506, 0.3394,
0.5687

29.7165, 0.3466,
0.5435

30.3035, 0.3478,
0.5230

30.9868, 0.3468,
0.4983

31.7725, 0.3438,
0.4707

32.6664, 0.3393,
0.4417

■ 33.6735, 0.3337,
0.4125

■ 34.7986, 0.3273,
0.3841

■ 36.0460, 0.3206,
0.3573

■ 37.4200, 0.3137,
0.3324

Harmonies

Analogous

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



29.2173, 0.4462, 0.5081



29.2173, 0.3433, 0.5589



29.2173, 0.2384, 0.5060

Triad

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



29.2173, 0.3433, 0.5589



29.2173, 0.1289, 0.1802



29.2173, 0.4809, 0.2747

Complementary

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



29.2173, 0.3433, 0.5589



5.0672, 0.2097, 0.0975

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.



29.2173, 0.3582, 0.2135



29.2173, 0.3433, 0.5589



29.2173, 0.1657, 0.1614

Square

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



29.2173, 0.3433, 0.5589



29.2173, 0.1257, 0.2421



29.2173, 0.2418, 0.1738



29.2173, 0.5444, 0.3464

Rectangle

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



29.2173, 0.3433, 0.5589



29.2173, 0.1814, 0.4131



29.2173, 0.2418, 0.1738



29.2173, 0.4434, 0.2526

Sweetspot

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



29.2186, 0.3433, 0.5589



61.0723, 0.3312, 0.4011



14.8556, 0.5259, 0.4109



13.2144, 0.3332, 0.4103



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.2186, 0.3433, 0.5589



51.5432, 0.3381, 0.5697



27.0605, 0.3009, 0.5916



8.0663, 0.3191, 0.3517



21.8537, 0.3401, 0.5682



0.4872, 0.3686, 0.5455

Inverse Universe

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



5.0672, 0.2097, 0.0975



7.7889, 0.1983, 0.0866



10.7669, 0.3170, 0.1555



7.0203, 0.3059, 0.3063



3.3703, 0.2011, 0.0881



0.0989, 0.2432, 0.1113

Previews

White Background



This preview shows how the Yxy color 29.2173, 0.3433, 0.5589 looks on a white 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

Black Background



This preview shows how the Yxy color 29.2173, 0.3433, 0.5589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

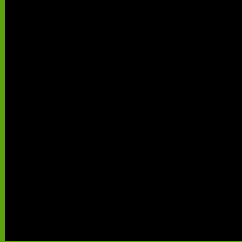
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2173, 0.3433, 0.5589

Background



This preview shows how black text looks on a background with the Yxy color 29.2173, 0.3433, 0.5589.



This preview shows how white text looks on a background with the Yxy color 29.2173, 0.3433, 0.5589.

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

29.2173, 0.3433, 0.5589

Protanopia

28.8668, 0.4397, 0.4891

Deuteranopia

28.7769, 0.4602, 0.4519



Tritanopia

28.9804, 0.2647, 0.3073

Trichromacy



Original Color

29.2173, 0.3433, 0.5589

Protanomaly

28.5254, 0.4006, 0.5179

Deuteranomaly

27.8383, 0.4164, 0.4922

Tritanomaly

28.2649, 0.3033, 0.4131

Monochromacy



Original Color

29.2173, 0.3433, 0.5589

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.9895, 0.3386, 0.4335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2173, 0.3433, 0.5589 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, 165, 14)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 14)  
}
```

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, 165, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 14) }
```

Border

The CSS property to change the border of an element to Yxy 29.2173, 0.3433, 0.5589 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, 165, 14) }
```

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

```
.border{ border-color:rgb(92, 165, 14) }
```

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

Here you see how a box with a 4 pixel rgb(92, 165, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 14);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2173, 0.3433, 0.5589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 14) }
```

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

```
.background{ background-color: rgb(92, 165,  
14) }
```

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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