

Converting Colors

$Yxy(29.4266, 0.3586, 0.5466)$

Have a look what the booklet for
Yxy(29.4266, 0.3586, 0.5466)
contains.

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Color

Yxy(29.3547, 0.3584, 0.5466)

Conversions

Conversions Part 1

Format	Color
Hex	6BA30F
RGB	107, 163, 15
RGB Percent	42%, 64%, 6%
CMY	0.5804, 0.3608, 0.9413
CMYK	0.34, 0.00, 0.91, 0.36
HSL	83°, 83%, 35%
HSV	83°, 91%, 64%
XYZ	19.2476, 29.3547, 5.1019
YIQ	129.3840, 14.1320, -57.9000

Conversions

Conversions Part 2

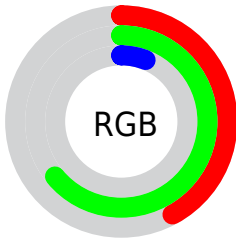
Format	Color
RYB	15, 163, 71
Decimal	7054095
CIELab	61.09, -38.68, 60.82
CIELCh	61, 72.076, 122.458
Yxy	29.3547, 0.3584, 0.5466
Android (android.graphics.Color)	4285244175 (0xFF6BA30F)
YUV	129.3840, -56.3913, -19.6308
Hunter-Lab	54.1800, -31.4024, 32.3429

Details

The Yxy color **29.3547, 0.3584, 0.5466** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4.3232, 0.1926, 0.0888**, and the grayscale version is **22.2934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4939, 0.3567, 0.5018**, and **12.0727, 0.3344, 0.5727** is the 20% darker color. If you saturate the color by 10%, you get **28.9820, 0.3551, 0.5562**, and if you desaturate by 10%, it is **29.8179, 0.3603, 0.5324**.

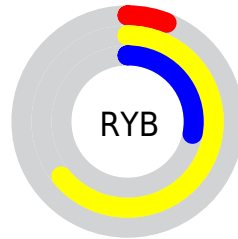
Distribution



Red (42%)

Green (64%)

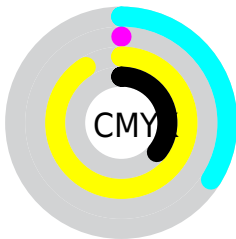
Blue (6%)



Red (6%)

Yellow (64%)

Blue (28%)

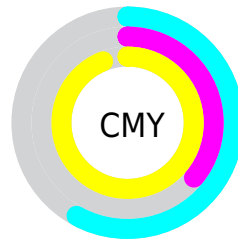


Cyan (34%)

Magenta (0%)

Yellow (91%)

Black (36%)



Cyan (58%)


Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3547, 0.3584, 0.5466 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 29.3547, 0.3584, 0.5466 by changing the saturation by 10% instead.


 29.3547, 0.3584,
0.5466


 29.3547, 0.3584,
0.5466

298.8849, 0.3442,
0.4274

 19.3493, 0.3563,
0.5767

 58.6402, 0.3568,
0.5021


 11.9230, 0.3496,
0.6143


 78.6890, 0.3550,
0.4856

 6.6912, 0.3351,
0.6649


 102.8545, 0.3530,
0.4718

 3.2698, 0.2928,
0.7072

 131.5210, 0.3510,
0.4601

 1.2741, 0.1490,
0.8510

 165.0729, 0.3492,
0.4501

 0.1210, 0.0000,
1.0000

 203.8945, 0.3474,

 0.0000, 0.0000,

0.4415

0.0000

248.3704, 0.3457,
0.4339

29.3547, 0.3584,
0.5466

29.3547, 0.3584,
0.5466

28.9820, 0.3551,
0.5562

29.8179, 0.3603,
0.5324

30.3511, 0.3599,
0.5134

30.9620, 0.3572,
0.4904

31.6559, 0.3525,
0.4646

32.4377, 0.3461,
0.4371

■ 33.3117, 0.3386,
0.4092

■ 34.2819, 0.3304,
0.3818

■ 35.3521, 0.3219,
0.3555

■ 36.5257, 0.3134,
0.3309

Harmonies

Analogous

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



29.3547, 0.4555, 0.4929



29.3547, 0.3584, 0.5466



29.3547, 0.2557, 0.5105

Triad

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



29.3547, 0.3584, 0.5466



29.3547, 0.1324, 0.1913



29.3547, 0.4594, 0.2683

Complementary

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



29.3547, 0.3584, 0.5466



4.3232, 0.1926, 0.0888

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.



29.3547, 0.3398, 0.2109



29.3547, 0.3584, 0.5466



29.3547, 0.1638, 0.1676

Square

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



29.3547, 0.3584, 0.5466



29.3547, 0.1342, 0.2590



29.3547, 0.2323, 0.1756



29.3547, 0.5313, 0.3376

Rectangle

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



29.3547, 0.3584, 0.5466



29.3547, 0.1971, 0.4288



29.3547, 0.2323, 0.1756



29.3547, 0.4217, 0.2473

Sweetspot

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



29.3560, 0.3584, 0.5466



60.2138, 0.3360, 0.4000



12.1079, 0.5535, 0.3866



13.4020, 0.3386, 0.4089



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.



29.3560, 0.3584, 0.5466



51.7853, 0.3540, 0.5571



26.5817, 0.3061, 0.5868



8.1028, 0.3206, 0.3516



22.5504, 0.3557, 0.5558



0.4996, 0.3795, 0.5368

Inverse Universe

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



4.3232, 0.1926, 0.0888



6.4436, 0.1802, 0.0766



8.8484, 0.2909, 0.1418



6.9844, 0.3043, 0.3062



2.8667, 0.1829, 0.0781



0.0868, 0.2260, 0.1019

Previews

White Background



This preview shows how the Yxy color 29.3547, 0.3584, 0.5466 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 29.3547, 0.3584, 0.5466 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 29.3547, 0.3584, 0.5466

Background



This preview shows how black text looks on a background with the Yxy color 29.3547, 0.3584, 0.5466.



This preview shows how white text looks on a background with the Yxy color 29.3547, 0.3584, 0.5466.

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

29.3547, 0.3584, 0.5466

Protanopia

28.9876, 0.4397, 0.4866

Deuteranopia

28.8950, 0.4617, 0.4518



Tritanopia

29.4219, 0.2760, 0.3094

Trichromacy



Original Color

29.3547, 0.3584, 0.5466

Protanomaly

28.8219, 0.4089, 0.5097

Deuteranomaly

28.4270, 0.4232, 0.4872

Tritanomaly

28.7543, 0.3165, 0.4104

Monochromacy



Original Color

29.3547, 0.3584, 0.5466

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.8193, 0.3435, 0.4268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3547, 0.3584, 0.5466 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(107, 163, 15)` looks like.

```
.text, #text, p{  
    color:rgb(107, 163, 15)  
}
```

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(107, 163, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 163, 15) }
```

Border

The CSS property to change the border of an element to Yxy 29.3547, 0.3584, 0.5466 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(107, 163, 15) }
```

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

```
.border{ border-color:rgb(107, 163, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 163, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 163, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 163, 15);  
box-shadow:4px 4px 4px 4px rgb(107, 163,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3547, 0.3584, 0.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 163, 15) }
```

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

```
.background{ background-color: rgb(107,  
163, 15) }
```

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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