

Converting Colors

$Y_{xy}(35.5350, 0.3572, 0.4627)$

Have a look what the booklet for
Yxy(35.5350, 0.3572, 0.4627)
contains.

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Color

Yxy(35.6056, 0.3575, 0.4630)

Conversions

Conversions Part 1

Format	Color
Hex	8FAB54
RGB	143, 171, 84
RGB Percent	56%, 67%, 33%
CMY	0.4391, 0.3294, 0.6707
CMYK	0.16, 0.00, 0.51, 0.33
HSL	79°, 34%, 50%
HSV	79°, 51%, 67%
XYZ	27.4924, 35.6056, 13.8039
YIQ	152.7100, 11.2390, -32.9930

Conversions

Conversions Part 2

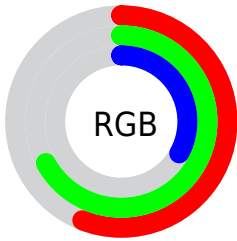
Format	Color
RYB	84, 171, 112
Decimal	9415508
CIELab	66.22, -23.72, 41.28
CIELCh	66, 47.610, 119.876
Yxy	35.6056, 0.3575, 0.4630
Android (android.graphics.Color)	4287605588 (0xFF8FAB54)
YUV	152.7100, -33.8740, -8.5157
Hunter-Lab	59.6704, -22.1815, 28.0534

Details

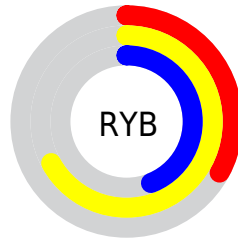
The Yxy color **35.6056, 0.3575, 0.4630** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.7172, 0.2457, 0.1817**, and the grayscale version is **31.8698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1761, 0.3506, 0.4352**, and **15.4828, 0.3640, 0.5076** is the 20% darker color. If you saturate the color by 10%, you get **34.8925, 0.3632, 0.4879**, and if you desaturate by 10%, it is **36.4114, 0.3502, 0.4363**.

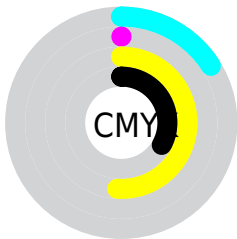
Distribution



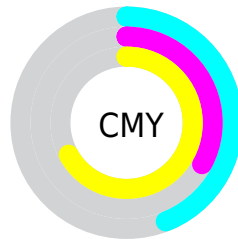
- Red (56%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)




- Cyan (44%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.6056, 0.3575, 0.4630 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 35.6056, 0.3575, 0.4630 by changing the saturation by 10% instead.


 35.6056, 0.3575,
0.4630


 35.6056, 0.3575,
0.4630


327.2334, 0.3372,
0.3911


 24.1297, 0.3612,
0.4820


 68.4229, 0.3510,
0.4359

 15.4299, 0.3648,
0.5067


 90.5331, 0.3482,
0.4260


 9.1217, 0.3672,
0.5395


 116.9569, 0.3458,
0.4177

 4.8206, 0.3717,
0.5945

 148.0787, 0.3437,
0.4107

 2.1424, 0.3515,
0.6485

 184.2828, 0.3418,
0.4048

 0.6883, 0.0986,
0.9014

225.9537, 0.3401,

 0.0000, 0.0000,

0.3996

0.0000

273.4758, 0.3386,
0.3950

■ 35.6056, 0.3575,
0.4630

■ 35.6056, 0.3575,
0.4630

■ 34.8925, 0.3632,
0.4879

■ 36.4114, 0.3502,
0.4363

■ 34.2620, 0.3668,
0.5097

■ 37.3097, 0.3417,
0.4090

■ 33.7100, 0.3680,
0.5275

■ 38.3064, 0.3325,
0.3818

■ 33.2294, 0.3667,
0.5406

■ 39.4056, 0.3230,
0.3557

■ 32.8409, 0.3640,
0.5492

■ 40.6111, 0.3136,
0.3311

■ 41.9262, 0.3044,
0.3083

■ 43.3545, 0.2956,
0.2873

■ 44.8990, 0.2873,
0.2683

■ 46.5629, 0.2795,
0.2511

Harmonies

Analogous

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



35.6056, 0.4190, 0.4405



35.6056, 0.3575, 0.4630



35.6056, 0.2875, 0.4382

Triad

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



35.6056, 0.3575, 0.4630



35.6056, 0.1875, 0.2433



35.6056, 0.3988, 0.2875

Complementary

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



35.6056, 0.3575, 0.4630



12.7172, 0.2457, 0.1817

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.



35.6056, 0.3256, 0.2464



35.6056, 0.3575, 0.4630



35.6056, 0.2089, 0.2200

Square

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



35.6056, 0.3575, 0.4630



35.6056, 0.1935, 0.2952



35.6056, 0.2566, 0.2223



35.6056, 0.4482, 0.3388

Rectangle

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



35.6056, 0.3575, 0.4630



35.6056, 0.2456, 0.3955



35.6056, 0.2566, 0.2223



35.6056, 0.3756, 0.2723

Sweetspot

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



35.6072, 0.3575, 0.4630



69.6898, 0.3272, 0.3670



20.7821, 0.4307, 0.3709



15.4516, 0.3291, 0.3723



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.6072, 0.3575, 0.4630



62.3489, 0.3637, 0.4906



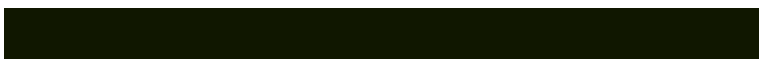
32.4707, 0.3176, 0.4818



9.1992, 0.3215, 0.3517



24.7862, 0.3646, 0.5487



0.7172, 0.3818, 0.5350

Inverse Universe

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



12.7172, 0.2457, 0.1817



16.7531, 0.2271, 0.1478



16.2489, 0.2980, 0.2014



7.8775, 0.3034, 0.3059



2.8539, 0.1744, 0.0734



0.1093, 0.2104, 0.0932

Previews

White Background



This preview shows how the Yxy color 35.6056, 0.3575, 0.4630 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.6056, 0.3575, 0.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

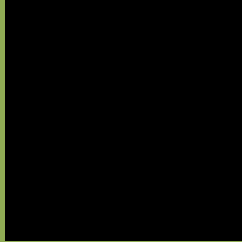
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6056, 0.3575, 0.4630

Background



This preview shows how black text looks on a background with the Yxy color 35.6056, 0.3575, 0.4630.



This preview shows how white text looks on a background with the Yxy color 35.6056, 0.3575, 0.4630.

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

35.6056, 0.3575, 0.4630

Protanopia

35.4309, 0.4010, 0.4390

Deuteranopia

35.2228, 0.4212, 0.4130



Tritanopia

35.4158, 0.2951, 0.3100

Trichromacy



Original Color

35.6056, 0.3575, 0.4630

Protanomaly

35.5188, 0.3848, 0.4482

Deuteranomaly

35.1768, 0.3969, 0.4306

Tritanomaly

35.3174, 0.3194, 0.3658

Monochromacy



Original Color

35.6056, 0.3575, 0.4630

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.0897, 0.3308, 0.3793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6056, 0.3575, 0.4630 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(143, 171, 84)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 84)  
}
```

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(143, 171, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 84) }
```

Border

The CSS property to change the border of an element to Yxy 35.6056, 0.3575, 0.4630 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(143, 171, 84) }
```

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

```
.border{ border-color:rgb(143, 171, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 171, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 84);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6056, 0.3575, 0.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 171, 84) }
```

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

```
.background{ background-color: rgb(143,  
171, 84) }
```

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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