

Converting Colors

Yxy(35.2134, 0.3767, 0.5004)

Have a look what the booklet for
Yxy(35.2134, 0.3767, 0.5004)
contains.

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Color

Yxy(35.2134, 0.3767, 0.5004)

Conversions

Conversions Part 1

Format	Color
Hex	8FAB34
RGB	143, 171, 52
RGB Percent	56%, 67%, 20%
CMY	0.4393, 0.3294, 0.7961
CMYK	0.16, 0.00, 0.70, 0.33
HSL	74°, 53%, 44%
HSV	74°, 70%, 67%
XYZ	26.5086, 35.2134, 8.6485
YIQ	149.0620, 21.5110, -42.9450

Conversions

Conversions Part 2

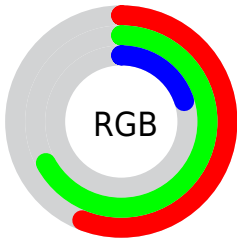
Format	Color
RYB	52, 171, 80
Decimal	9415476
CIELab	65.91, -26.40, 55.26
CIELCh	66, 61.243, 115.538
Yxy	35.2134, 0.3767, 0.5004
Android (android.graphics.Color)	4287605556 (0xFF8FAB34)
YUV	149.0620, -47.8516, -5.3164
Hunter-Lab	59.3409, -24.1076, 32.8975

Details

The Yxy color **35.2134, 0.3767, 0.5004** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.1036, 0.2041, 0.1219**, and the grayscale version is **30.2807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5754, 0.3685, 0.4667**, and **15.3175, 0.3770, 0.5389** is the 20% darker color. If you saturate the color by 10%, you get **34.7349, 0.3797, 0.5170**, and if you desaturate by 10%, it is **35.7638, 0.3713, 0.4798**.

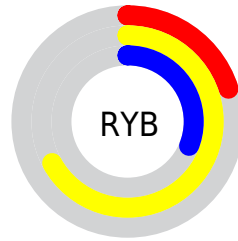
Distribution



Red (56%)

Green (67%)

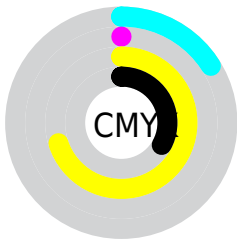
Blue (20%)



Red (20%)

Yellow (67%)

Blue (31%)

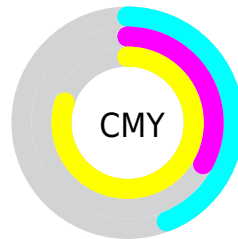


Cyan (16%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (44%)


Magenta (33%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2134, 0.3767, 0.5004 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 35.2134, 0.3767, 0.5004 by changing the saturation by 10% instead.


 35.2134, 0.3767,
0.5004


 35.2134, 0.3767,
0.5004

325.5093, 0.3495,
0.4100


 23.8273, 0.3804,
0.5227

 67.8162, 0.3688,
0.4673


 15.2056, 0.3826,
0.5502


 89.8017, 0.3652,
0.4549


 8.9638, 0.3827,
0.5868


 116.0892, 0.3618,
0.4444

 4.7176, 0.3717,
0.6283

 147.0630, 0.3589,
0.4354

 2.0825, 0.3340,
0.6660

 183.1075, 0.3562,
0.4278

 0.6548, 0.0000,
1.0000

 224.6071, 0.3537,

 0.0000, 0.0000,

0.4211

0.0000

271.9462, 0.3515,
0.4152

■ 35.2134, 0.3767,
0.5004

■ 35.2134, 0.3767,
0.5004

■ 34.7349, 0.3797,
0.5170

■ 35.7638, 0.3713,
0.4798

■ 34.3169, 0.3801,
0.5291

■ 36.3869, 0.3639,
0.4563

■ 33.9479, 0.3785,
0.5374

■ 37.0892, 0.3549,
0.4307

■ 33.9332, 0.3785,
0.5377

■ 37.8751, 0.3448,
0.4043

■ 38.7486, 0.3340,
0.3779

■ 39.7135, 0.3231,
0.3523

■ 40.7735, 0.3123,
0.3280

■ 41.9317, 0.3019,
0.3053

■ 43.1913, 0.2920,
0.2844

Harmonies

Analogous

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



35.2134, 0.4521, 0.4569



35.2134, 0.3767, 0.5004



35.2134, 0.2895, 0.4840

Triad

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



35.2134, 0.3767, 0.5004



35.2134, 0.1577, 0.2262



35.2134, 0.4105, 0.2676

Complementary

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



35.2134, 0.3767, 0.5004



7.1036, 0.2041, 0.1219

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.



35.2134, 0.3138, 0.2211



35.2134, 0.3767, 0.5004



35.2134, 0.1785, 0.1956

Square

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



35.2134, 0.3767, 0.5004



35.2134, 0.1682, 0.2949



35.2134, 0.2308, 0.1956



35.2134, 0.4812, 0.3273

Rectangle

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



35.2134, 0.3767, 0.5004



35.2134, 0.2360, 0.4311



35.2134, 0.2308, 0.1956



35.2134, 0.3789, 0.2502

Sweetspot

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



35.2150, 0.3767, 0.5004



69.0994, 0.3359, 0.3826



14.6107, 0.5082, 0.3664



15.3144, 0.3388, 0.3896



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.



35.2150, 0.3767, 0.5004



61.7484, 0.3802, 0.5247



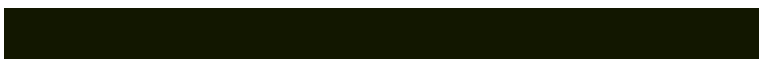
31.2494, 0.3225, 0.5355



9.2337, 0.3228, 0.3517



25.6030, 0.3789, 0.5374



0.7351, 0.3918, 0.5271

Inverse Universe

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



7.1036, 0.2041, 0.1219



8.1759, 0.1795, 0.0862



10.9094, 0.2761, 0.1563



7.8449, 0.3021, 0.3058



2.5814, 0.1643, 0.0679



0.0965, 0.1957, 0.0852

Previews

White Background



This preview shows how the Yxy color 35.2134, 0.3767, 0.5004 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 35.2134, 0.3767, 0.5004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

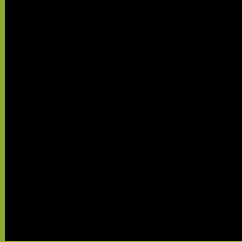
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2134, 0.3767, 0.5004

Background



This preview shows how black text looks on a background with the Yxy color 35.2134, 0.3767, 0.5004.



This preview shows how white text looks on a background with the Yxy color 35.2134, 0.3767, 0.5004.

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

35.2134, 0.3767, 0.5004

Protanopia

34.9471, 0.4249, 0.4682

Deuteranopia

34.9144, 0.4475, 0.4392



Tritanopia

35.1881, 0.2986, 0.3115

Trichromacy



Original Color

35.2134, 0.3767, 0.5004

Protanomaly

34.8882, 0.4071, 0.4802

Deuteranomaly

34.6655, 0.4220, 0.4614

Tritanomaly

34.6887, 0.3320, 0.3847

Monochromacy



Original Color

35.2134, 0.3767, 0.5004

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.5319, 0.3424, 0.3980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2134, 0.3767, 0.5004 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 52) }
```

Border

The CSS property to change the border of an element to Yxy 35.2134, 0.3767, 0.5004 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, 52) }
```

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

```
.border{ border-color:rgb(143, 171, 52) }
```

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, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 52);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2134, 0.3767, 0.5004 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, 52) }
```

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

```
.background{ background-color: rgb(143,  
171, 52) }
```

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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