

Converting Colors

$Yxy(35.1191, 0.3018, 0.5110)$

Have a look what the booklet for
Yxy(35.1191, 0.3018, 0.5110)
contains.

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Color

Yxy(35.0537, 0.3018, 0.5106)

Conversions

Conversions Part 1

Format	Color
Hex	4AB54E
RGB	74, 181, 78
RGB Percent	29%, 71%, 31%
CMY	0.7100, 0.2902, 0.6942
CMYK	0.59, 0.00, 0.57, 0.29
HSL	122°, 42%, 50%
HSV	122°, 59%, 71%
XYZ	20.7192, 35.0537, 12.8791
YIQ	137.2650, -30.7090, -54.7170

Conversions

Conversions Part 2

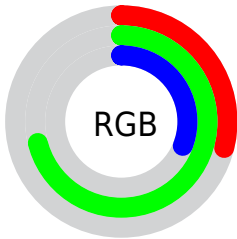
Format	Color
RYB	74, 177, 181
Decimal	4896078
CIELab	65.79, -51.63, 42.84
CIELCh	66, 67.088, 140.313
Yxy	35.0537, 0.3018, 0.5106
Android (android.graphics.Color)	4283086158 (0xFF4AB54E)
YUV	137.2650, -29.2176, -55.4834
Hunter-Lab	59.2062, -41.1448, 28.5470

Details

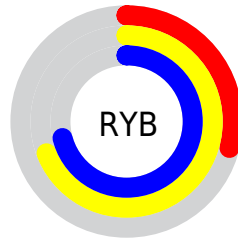
The Yxy color **35.0537, 0.3018, 0.5106** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **17.8872, 0.3242, 0.1970**, and the grayscale version is **25.2376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7473, 0.3077, 0.4708**, and **15.2533, 0.2930, 0.5747** is the 20% darker color. If you saturate the color by 10%, you get **34.2203, 0.3005, 0.5418**, and if you desaturate by 10%, it is **36.1628, 0.3035, 0.4766**.

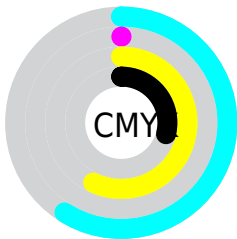
Distribution



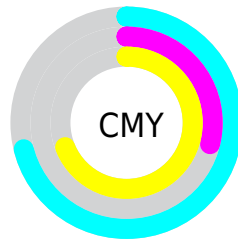
- Red (29%)
- Green (71%)
- Blue (31%)



- Red (29%)
- Yellow (69%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)




- Cyan (71%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0537, 0.3018, 0.5106 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 35.0537, 0.3018, 0.5106 by changing the saturation by 10% instead.


 35.0537, 0.3018,
0.5106


 35.0537, 0.3018,
0.5106


324.8053, 0.3128,
0.4087

 23.7042, 0.2965,
0.5393


 67.5689, 0.3075,
0.4710

 15.1144, 0.2877,
0.5778


 89.5035, 0.3091,
0.4569

 8.8997, 0.2724,
0.6309


 115.7353, 0.3102,
0.4453

 4.6758, 0.2520,
0.7303

 146.6486, 0.3111,
0.4356

 2.0583, 0.1631,
0.8369

 182.6278, 0.3117,
0.4273

 0.6410, 0.0000,
1.0000

224.0575, 0.3121,

 0.0000, 0.0000,

0.4202

0.0000

271.3218, 0.3125,
0.4141

■ 35.0537, 0.3018,
0.5106

■ 35.0537, 0.3018,
0.5106

■ 34.2203, 0.3005,
0.5418

■ 36.1628, 0.3035,
0.4766

■ 33.6345, 0.2997,
0.5677

■ 37.5641, 0.3054,
0.4421

■ 33.2702, 0.2994,
0.5863

■ 39.2779, 0.3073,
0.4091

■ 33.0800, 0.2994,
0.5969

■ 41.3215, 0.3093,
0.3786

■ 33.0668, 0.2993,
0.5976

■ 43.7109, 0.3111,
0.3512

■ 46.4610, 0.3129,
0.3271

■ 49.5860, 0.3144,
0.3061

■ 53.0991, 0.3158,
0.2880

■ 57.0132, 0.3171,
0.2724

Harmonies

Analogous

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



35.0537, 0.3952, 0.5104



35.0537, 0.3018, 0.5106



35.0537, 0.2162, 0.4242

Triad

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



35.0537, 0.3018, 0.5106



35.0537, 0.1622, 0.1882



35.0537, 0.4878, 0.3136

Complementary

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



35.0537, 0.3018, 0.5106



17.8872, 0.3242, 0.1970

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.



35.0537, 0.4016, 0.2523



35.0537, 0.3018, 0.5106



35.0537, 0.2115, 0.1837

Square

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



35.0537, 0.3018, 0.5106



35.0537, 0.1458, 0.2262



35.0537, 0.2956, 0.2064



35.0537, 0.5121, 0.3820

Rectangle

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



35.0537, 0.3018, 0.5106



35.0537, 0.1759, 0.3446



35.0537, 0.2956, 0.2064



35.0537, 0.4645, 0.2920

Sweetspot

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



35.0552, 0.3018, 0.5106



74.3366, 0.3095, 0.3761



42.9444, 0.3921, 0.4678



15.8229, 0.3089, 0.3845



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.0552, 0.3018, 0.5106



60.9170, 0.3002, 0.5503



36.1451, 0.2700, 0.4163



9.4951, 0.3111, 0.3516



22.7951, 0.2992, 0.5970



0.7189, 0.2957, 0.5845

Inverse Universe

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



17.8872, 0.3242, 0.1970



27.3506, 0.3266, 0.1778



16.1673, 0.4045, 0.2602



8.6411, 0.3143, 0.3074



8.8856, 0.3305, 0.1594



0.2813, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 35.0537, 0.3018, 0.5106 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 35.0537, 0.3018, 0.5106 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 35.0537, 0.3018, 0.5106

Background



This preview shows how black text looks on a background with the Yxy color 35.0537, 0.3018, 0.5106.



This preview shows how white text looks on a background with the Yxy color 35.0537, 0.3018, 0.5106.

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

35.0537, 0.3018, 0.5106

Protanopia

34.4813, 0.4089, 0.4485

Deuteranopia

34.2744, 0.4224, 0.4137



Tritanopia

34.9195, 0.2485, 0.3069

Trichromacy



Original Color

35.0537, 0.3018, 0.5106



Protanomaly

33.6208, 0.3623, 0.4740



Deuteranomaly

32.9492, 0.3700, 0.4506



Tritanomaly

34.5406, 0.2691, 0.3785

Monochromacy



Original Color

35.0537, 0.3018, 0.5106



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

27.6208, 0.3077, 0.3956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0537, 0.3018, 0.5106 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(74, 181, 78)` looks like.

```
.text, #text, p{  
    color:rgb(74, 181, 78)  
}
```

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(74, 181, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 181, 78) }
```

Border

The CSS property to change the border of an element to Yxy 35.0537, 0.3018, 0.5106 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(74, 181, 78) }
```

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

```
.border{ border-color:rgb(74, 181, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 181, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 181, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 181, 78);  
box-shadow:4px 4px 4px 4px rgb(74, 181,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0537, 0.3018, 0.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 181, 78) }
```

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

```
.background{ background-color: rgb(74, 181,  
78) }
```

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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