

Converting Colors

$Yxy(34.1277, 0.3065, 0.5191)$

Have a look what the booklet for
Yxy(34.1277, 0.3065, 0.5191)
contains.

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Color

Yxy(34.1910, 0.3061, 0.5192)

Conversions

Conversions Part 1

Format	Color
Hex	4BB347
RGB	75, 179, 71
RGB Percent	29%, 70%, 28%
CMY	0.7060, 0.2980, 0.7214
CMYK	0.58, 0.00, 0.60, 0.30
HSL	118°, 43%, 49%
HSV	118°, 60%, 70%
XYZ	20.1577, 34.1910, 11.5046
YIQ	135.5920, -27.3160, -55.6360

Conversions

Conversions Part 2

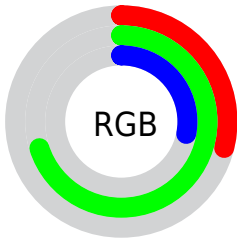
Format	Color
RYB	71, 179, 175
Decimal	4961095
CIELab	65.11, -51.45, 45.30
CIElCh	65, 68.554, 138.639
Yxy	34.1910, 0.3061, 0.5192
Android (android.graphics.Color)	4283151175 (0xFF4BB347)
YUV	135.5920, -31.8439, -53.1392
Hunter-Lab	58.4731, -40.7928, 29.2659

Details

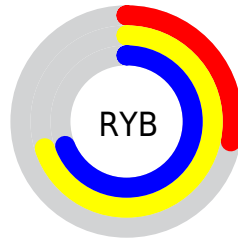
The Yxy color **34.1910, 0.3061, 0.5192** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **16.8905, 0.3142, 0.1889**, and the grayscale version is **24.5871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4075, 0.3113, 0.4780**, and **14.7046, 0.2963, 0.5866** is the 20% darker color. If you saturate the color by 10%, you get **33.3919, 0.3045, 0.5497**, and if you desaturate by 10%, it is **35.2492, 0.3076, 0.4851**.

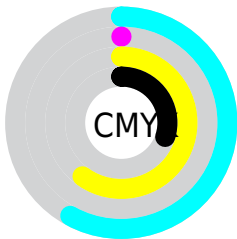
Distribution



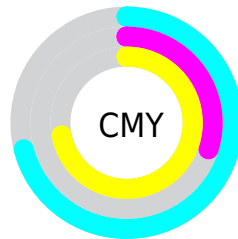
- Red (29%)
- Green (70%)
- Blue (28%)



- Red (28%)
- Yellow (70%)
- Blue (69%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)





- Cyan (71%)
- Magenta (30%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1910, 0.3061, 0.5192 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 34.1910, 0.3061, 0.5192 by changing the saturation by 10% instead.


 34.1910, 0.3061,
0.5192


 34.1910, 0.3061,
0.5192


320.9829, 0.3154,
0.4123

 23.0404, 0.3008,
0.5493


 66.2306, 0.3114,
0.4777


 14.6233, 0.2918,
0.5893


 87.8883, 0.3128,
0.4628


 8.5555, 0.2756,
0.6439


 113.8172, 0.3137,
0.4506

 4.4524, 0.2536,
0.7464

 144.4017, 0.3144,
0.4404

 1.9297, 0.1476,
0.8524

 180.0261, 0.3148,
0.4318

 0.5661, 0.0000,
1.0000

221.0748, 0.3151,

 0.0000, 0.0000,

0.4244

0.0000

267.9323, 0.3153,
0.4179

■ 34.1910, 0.3061,
0.5192

■ 34.1910, 0.3061,
0.5192

■ 33.3919, 0.3045,
0.5497

■ 35.2492, 0.3076,
0.4851

■ 32.8259, 0.3029,
0.5741

■ 36.5815, 0.3091,
0.4499

■ 32.4689, 0.3016,
0.5905

■ 38.2068, 0.3103,
0.4157

■ 32.2847, 0.3008,
0.5994

■ 40.1411, 0.3113,
0.3839

■ 42.3992, 0.3121,
0.3552

■ 44.9950, 0.3127,
0.3297

■ 47.9416, 0.3132,
0.3076

■ 51.2514, 0.3135,
0.2884

■ 54.9361, 0.3138,
0.2719

Harmonies

Analogous

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



34.1910, 0.4014, 0.5128



34.1910, 0.3061, 0.5192



34.1910, 0.2174, 0.4341

Triad

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



34.1910, 0.3061, 0.5192



34.1910, 0.1570, 0.1859



34.1910, 0.4895, 0.3088

Complementary

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



34.1910, 0.3061, 0.5192



16.8905, 0.3142, 0.1889

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.



34.1910, 0.3981, 0.2471



34.1910, 0.3061, 0.5192



34.1910, 0.2051, 0.1798

Square

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



34.1910, 0.3061, 0.5192



34.1910, 0.1420, 0.2266



34.1910, 0.2892, 0.2016



34.1910, 0.5179, 0.3781

Rectangle

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



34.1910, 0.3061, 0.5192



34.1910, 0.1750, 0.3514



34.1910, 0.2892, 0.2016



34.1910, 0.4644, 0.2871

Sweetspot

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



34.1924, 0.3061, 0.5192



72.6514, 0.3114, 0.3778



40.1608, 0.4006, 0.4625



15.8541, 0.3112, 0.3866



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.



34.1924, 0.3061, 0.5192



59.4638, 0.3040, 0.5575



34.9308, 0.2753, 0.4353



9.5043, 0.3121, 0.3525



22.8183, 0.3010, 0.5992



0.7228, 0.3051, 0.5960

Inverse Universe

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



16.8905, 0.3142, 0.1889



25.7729, 0.3137, 0.1691



15.7191, 0.3915, 0.2471



8.6307, 0.3132, 0.3065



8.5442, 0.3120, 0.1492



0.2737, 0.3146, 0.1507

Previews

White Background



This preview shows how the Yxy color 34.1910, 0.3061, 0.5192 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 34.1910, 0.3061, 0.5192 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 34.1910, 0.3061, 0.5192

Background



This preview shows how black text looks on a background with the Yxy color 34.1910, 0.3061, 0.5192.



This preview shows how white text looks on a background with the Yxy color 34.1910, 0.3061, 0.5192.

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

34.1910, 0.3061, 0.5192

Protanopia

33.6096, 0.4138, 0.4531

Deuteranopia

33.4115, 0.4282, 0.4185



Tritanopia

34.0508, 0.2498, 0.3082

Trichromacy



Original Color

34.1910, 0.3061, 0.5192



Protanomaly

32.8045, 0.3681, 0.4807



Deuteranomaly

32.1615, 0.3758, 0.4563



Tritanomaly

33.6523, 0.2714, 0.3826

Monochromacy



Original Color

34.1910, 0.3061, 0.5192



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

27.2037, 0.3113, 0.4014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1910, 0.3061, 0.5192 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(75, 179, 71)` looks like.

```
.text, #text, p{  
    color:rgb(75, 179, 71)  
}
```

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(75, 179, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 179, 71) }
```

Border

The CSS property to change the border of an element to Yxy 34.1910, 0.3061, 0.5192 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(75, 179, 71) }
```

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

```
.border{ border-color:rgb(75, 179, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 179, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 179, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 179, 71);  
box-shadow:4px 4px 4px 4px rgb(75, 179,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1910, 0.3061, 0.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 179, 71) }
```

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

```
.background{ background-color: rgb(75, 179,  
71) }
```

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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