

Converting Colors

Yxy(33.9494, 0.3428, 0.5138)

Have a look what the booklet for
Yxy(33.9494, 0.3428, 0.5138)
contains.

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Color

Yxy(34.0986, 0.3426, 0.5139)

Conversions

Conversions Part 1

Format	Color
Hex	71AE3B
RGB	113, 174, 59
RGB Percent	44%, 68%, 23%
CMY	0.5570, 0.3176, 0.7686
CMYK	0.35, 0.00, 0.66, 0.32
HSL	92°, 49%, 46%
HSV	92°, 66%, 68%
XYZ	22.7324, 34.0986, 9.5216
YIQ	142.6510, 0.5590, -48.6970

Conversions

Conversions Part 2

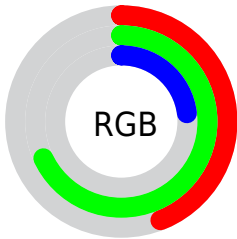
Format	Color
RYB	59, 174, 120
Decimal	7450171
CIELab	65.04, -38.95, 50.95
CIElCh	65, 64.134, 127.395
Yxy	34.0986, 0.3426, 0.5139
Android (android.graphics.Color)	4285640251 (0xFF71AE3B)
YUV	142.6510, -41.2399, -26.0039
Hunter-Lab	58.3940, -32.7006, 31.2081

Details

The Yxy color **34.0986, 0.3426, 0.5139** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.1815, 0.2484, 0.1492**, and the grayscale version is **27.4871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0883, 0.3407, 0.4753**, and **14.5743, 0.3363, 0.5712** is the 20% darker color. If you saturate the color by 10%, you get **33.3671, 0.3420, 0.5376**, and if you desaturate by 10%, it is **34.9556, 0.3412, 0.4866**.

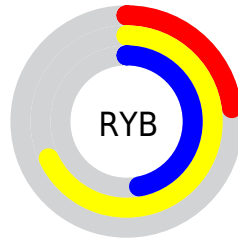
Distribution



Red (44%)

Green (68%)

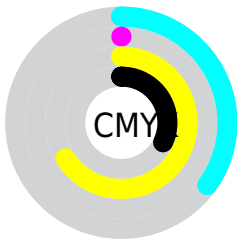
Blue (23%)



Red (23%)

Yellow (68%)

Blue (47%)

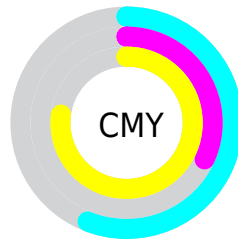


Cyan (35%)

Magenta (0%)

Yellow (66%)

Black (32%)



Cyan (56%)


Magenta (32%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0986, 0.3426, 0.5139 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 34.0986, 0.3426, 0.5139 by changing the saturation by 10% instead.

 34.0986, 0.3426,
0.5139


 34.0986, 0.3426,
0.5139


 320.5715, 0.3332,
0.4125

 22.9694, 0.3418,
0.5409


 66.0870, 0.3412,
0.4755


 14.5709, 0.3383,
0.5756


 87.7149, 0.3400,
0.4614


 8.5188, 0.3296,
0.6221


 113.6112, 0.3387,
0.4498

 4.4287, 0.3107,
0.6893

 144.1602, 0.3375,
0.4400

 1.9161, 0.2480,
0.7520

 179.7463, 0.3363,
0.4316

 0.5580, 0.0000,
1.0000

 220.7540, 0.3352,

 0.0000, 0.0000,

0.4244

0.0000

267.5676, 0.3342,
0.4181

■ 34.0986, 0.3426,
0.5139

■ 34.0986, 0.3426,
0.5139

■ 33.3671, 0.3420,
0.5376

■ 34.9556, 0.3412,
0.4866

■ 32.7484, 0.3393,
0.5563

■ 35.9409, 0.3381,
0.4573

■ 32.2340, 0.3347,
0.5695

■ 37.0624, 0.3337,
0.4273

■ 32.0538, 0.3328,
0.5739

■ 38.3261, 0.3284,
0.3979

■ 39.7375, 0.3226,
0.3699

■ 41.3020, 0.3165,
0.3438

■ 43.0244, 0.3103,
0.3199

■ 44.9096, 0.3043,
0.2983

■ 46.9620, 0.2986,
0.2789

Harmonies

Analogous

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



34.0986, 0.4293, 0.4853



34.0986, 0.3426, 0.5139



34.0986, 0.2529, 0.4645

Triad

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



34.0986, 0.3426, 0.5139



34.0986, 0.1556, 0.2039



34.0986, 0.4515, 0.2876

Complementary

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



34.0986, 0.3426, 0.5139



10.1815, 0.2484, 0.1492

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.



34.0986, 0.3541, 0.2329



34.0986, 0.3426, 0.5139



34.0986, 0.1897, 0.1861

Square

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



34.0986, 0.3426, 0.5139



34.0986, 0.1531, 0.2585



34.0986, 0.2573, 0.1971



34.0986, 0.5038, 0.3523

Rectangle

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



34.0986, 0.3426, 0.5139



34.0986, 0.2038, 0.3938



34.0986, 0.2573, 0.1971



34.0986, 0.4219, 0.2678

Sweetspot

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



34.1001, 0.3426, 0.5139



70.9465, 0.3251, 0.3816



22.3727, 0.4563, 0.4120



15.6129, 0.3267, 0.3894



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.1001, 0.3426, 0.5139



60.0095, 0.3411, 0.5463



31.5419, 0.3020, 0.5357



9.1166, 0.3184, 0.3519



23.2808, 0.3336, 0.5733



0.6804, 0.3584, 0.5537

Inverse Universe

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



10.1815, 0.2484, 0.1492



13.4535, 0.2308, 0.1185



15.1105, 0.3222, 0.1839



7.9586, 0.3066, 0.3061



3.9158, 0.2100, 0.0930



0.1411, 0.2431, 0.1113

Previews

White Background



This preview shows how the Yxy color 34.0986, 0.3426, 0.5139 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 34.0986, 0.3426, 0.5139 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 34.0986, 0.3426, 0.5139

Background



This preview shows how black text looks on a background with the Yxy color 34.0986, 0.3426, 0.5139.



This preview shows how white text looks on a background with the Yxy color 34.0986, 0.3426, 0.5139.

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

34.0986, 0.3426, 0.5139

Protanopia

33.6104, 0.4219, 0.4629

Deuteranopia

33.5022, 0.4408, 0.4310



Tritanopia

34.0748, 0.2733, 0.3090

Trichromacy



Original Color

34.0986, 0.3426, 0.5139

Protanomaly

33.2522, 0.3909, 0.4823

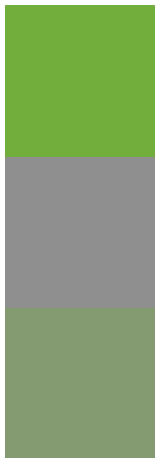
Deuteranomaly

32.8232, 0.4028, 0.4612

Tritanomaly

33.6160, 0.3021, 0.3852

Monochromacy



Original Color

34.0986, 0.3426, 0.5139

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

29.1866, 0.3293, 0.4005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0986, 0.3426, 0.5139 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(113, 174, 59)` looks like.

```
.text, #text, p{  
    color:rgb(113, 174, 59)  
}
```

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(113, 174, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 174, 59) }
```

Border

The CSS property to change the border of an element to Yxy 34.0986, 0.3426, 0.5139 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(113, 174, 59) }
```

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

```
.border{ border-color:rgb(113, 174, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 174, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 174, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 174, 59);  
box-shadow:4px 4px 4px 4px rgb(113, 174,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0986, 0.3426, 0.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 174, 59) }
```

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

```
.background{ background-color: rgb(113,  
174, 59) }
```

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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