

Converting Colors

Yxy(36.5108, 0.3094, 0.4498)

Have a look what the booklet for
Yxy(36.5108, 0.3094, 0.4498)
contains.

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Color

Yxy(36.6167, 0.3094, 0.4494)

Conversions

Conversions Part 1

Format	Color
Hex	6EB36B
RGB	110, 179, 107
RGB Percent	43%, 70%, 42%
CMY	0.5684, 0.2981, 0.5803
CMYK	0.39, 0.00, 0.40, 0.30
HSL	117°, 32%, 56%
HSV	117°, 40%, 70%
XYZ	25.2096, 36.6167, 19.6528
YIQ	150.1610, -18.0120, -37.0200

Conversions

Conversions Part 2

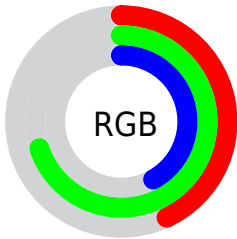
Format	Color
RYB	107, 179, 176
Decimal	7254891
CIELab	66.99, -36.46, 30.06
CIElCh	67, 47.249, 140.497
Yxy	36.6167, 0.3094, 0.4494
Android (android.graphics.Color)	4285444971 (0xFF6EB36B)
YUV	150.1610, -21.2784, -35.2212
Hunter-Lab	60.5117, -31.5311, 23.1022

Details

The Yxy color **36.6167, 0.3094, 0.4494** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9984, 0.3138, 0.2306**, and the grayscale version is **30.6749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8124, 0.3114, 0.4240**, and **16.0971, 0.3041, 0.4938** is the 20% darker color. If you saturate the color by 10%, you get **35.2836, 0.3080, 0.4845**, and if you desaturate by 10%, it is **38.2437, 0.3105, 0.4153**.

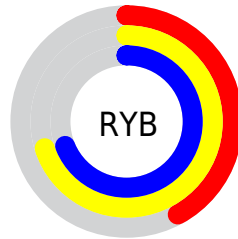
Distribution



Red (43%)

Green (70%)

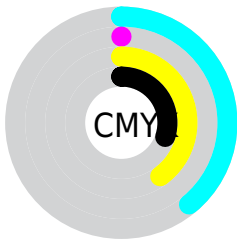
Blue (42%)



Red (42%)

Yellow (70%)

Blue (69%)

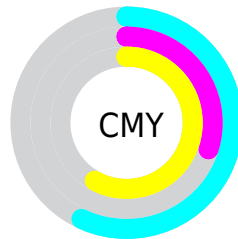


Cyan (39%)

Magenta (0%)

Yellow (40%)

Black (30%)



Cyan (57%)


Magenta (30%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6167, 0.3094, 0.4494 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 36.6167, 0.3094, 0.4494 by changing the saturation by 10% instead.


 36.6167, 0.3094,
0.4494


 36.6167, 0.3094,
0.4494


331.6481, 0.3134,
0.3832


 24.9109, 0.3074,
0.4679


 69.9829, 0.3115,
0.4239

 16.0107, 0.3040,
0.4929


 92.4120, 0.3121,
0.4147

 9.5317, 0.2980,
0.5282


 119.1843, 0.3125,
0.4072

 5.0896, 0.2862,
0.5809

 150.6843, 0.3128,
0.4008

 2.2999, 0.2810,
0.7190

187.2962, 0.3130,
0.3955

 0.7737, 0.0000,
1.0000

229.4046, 0.3132,

 0.0000, 0.0000,

0.3908

0.0000

277.3937, 0.3133,
0.3868

■ 36.6167, 0.3094,
0.4494

■ 36.6167, 0.3094,
0.4494

■ 35.2836, 0.3080,
0.4845

■ 38.2437, 0.3105,
0.4153

■ 34.2226, 0.3065,
0.5186

■ 40.1756, 0.3115,
0.3835

■ 33.4162, 0.3049,
0.5492


■ 42.4288, 0.3122,
0.3549


■ 32.8431, 0.3033,
0.5737


■ 45.0168, 0.3127,
0.3295

■ 32.4784, 0.3018,
0.5902


■ 47.9525, 0.3131,
0.3074

 32.2868, 0.3009,
0.5993

 51.2482, 0.3134,
0.2882

 54.9155, 0.3136,
0.2717

 58.9654, 0.3137,
0.2575

 60.7181, 0.3162,
0.2546

Harmonies

Analogous

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



36.6167, 0.3777, 0.4580



36.6167, 0.3094, 0.4494



36.6167, 0.2456, 0.3928

Triad

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



36.6167, 0.3094, 0.4494



36.6167, 0.2010, 0.2259



36.6167, 0.4348, 0.3224

Complementary

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



36.6167, 0.3094, 0.4494



22.9984, 0.3138, 0.2306

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.



36.6167, 0.3761, 0.2740



36.6167, 0.3094, 0.4494



36.6167, 0.2402, 0.2206

Square

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



36.6167, 0.3094, 0.4494



36.6167, 0.1882, 0.2576



36.6167, 0.3027, 0.2380



36.6167, 0.4549, 0.3757

Rectangle

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



36.6167, 0.3094, 0.4494



36.6167, 0.2142, 0.3420



36.6167, 0.3027, 0.2380



36.6167, 0.4186, 0.3054

Sweetspot

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



36.6182, 0.3094, 0.4494



75.1438, 0.3120, 0.3603



41.4592, 0.3736, 0.4226



16.5296, 0.3120, 0.3639



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.



36.6182, 0.3094, 0.4494



63.5011, 0.3082, 0.4796



37.2408, 0.2845, 0.3942



9.5066, 0.3122, 0.3525



22.8241, 0.3011, 0.5991



0.7238, 0.3059, 0.5953

Inverse Universe

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



22.9984, 0.3138, 0.2306



35.8109, 0.3137, 0.2113



22.1959, 0.3570, 0.2724



8.6281, 0.3131, 0.3065



8.4611, 0.3106, 0.1484



0.2718, 0.3136, 0.1501

Previews

White Background



This preview shows how the Yxy color 36.6167, 0.3094, 0.4494 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 36.6167, 0.3094, 0.4494 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 36.6167, 0.3094, 0.4494

Background



This preview shows how black text looks on a background with the Yxy color 36.6167, 0.3094, 0.4494.



This preview shows how white text looks on a background with the Yxy color 36.6167, 0.3094, 0.4494.

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

36.6167, 0.3094, 0.4494

Protanopia

36.1079, 0.3846, 0.4163

Deuteranopia

35.9500, 0.3943, 0.3869



Tritanopia

36.5701, 0.2650, 0.3078

Trichromacy



Original Color

36.6167, 0.3094, 0.4494

Protanomaly

35.7568, 0.3543, 0.4281

Deuteranomaly

35.4632, 0.3602, 0.4095

Tritanomaly

36.2805, 0.2815, 0.3560

Monochromacy



Original Color

36.6167, 0.3094, 0.4494

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

32.3619, 0.3116, 0.3729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6167, 0.3094, 0.4494 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(110, 179, 107)` looks like.

```
.text, #text, p{  
    color:rgb(110, 179, 107)  
}
```

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(110, 179, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 179, 107) }
```

Border

The CSS property to change the border of an element to Yxy 36.6167, 0.3094, 0.4494 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(110, 179, 107) }
```

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

```
.border{ border-color:rgb(110, 179, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 179, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 179, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 179, 107);  
box-shadow:4px 4px 4px 4px rgb(110, 179,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6167, 0.3094, 0.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 179, 107) }
```

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

```
.background{ background-color: rgb(110,  
179, 107) }
```

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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