

Converting Colors

$Yxy(39.7368, 0.3058, 0.4515)$

Have a look what the booklet for
Yxy(39.7368, 0.3058, 0.4515)
contains.

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Color

Yxy(39.5805, 0.3062, 0.4513)

Conversions

Conversions Part 1

Format	Color
Hex	6EBA6F
RGB	110, 186, 111
RGB Percent	43%, 73%, 44%
CMY	0.5688, 0.2705, 0.5646
CMYK	0.41, 0.00, 0.40, 0.27
HSL	121°, 36%, 58%
HSV	121°, 41%, 73%
XYZ	26.8548, 39.5805, 21.2681
YIQ	154.7260, -21.2210, -39.4370

Conversions

Conversions Part 2

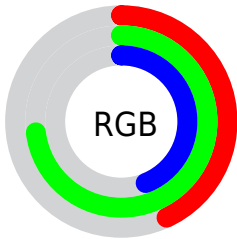
Format	Color
RYB	110, 185, 186
Decimal	7256687
CIELab	69.17, -39.02, 30.80
CIElCh	69, 49.710, 141.712
Yxy	39.5805, 0.3062, 0.4513
Android (android.graphics.Color)	4285446767 (0xFF6EBA6F)
YUV	154.7260, -21.5569, -39.2247
Hunter-Lab	62.9130, -33.9042, 23.9959

Details

The Yxy color **39.5805, 0.3062, 0.4513** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.0823, 0.3185, 0.2311**, and the grayscale version is **32.7516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7449, 0.3093, 0.4268**, and **17.6911, 0.2999, 0.4935** is the 20% darker color. If you saturate the color by 10%, you get **38.1488, 0.3045, 0.4865**, and if you desaturate by 10%, it is **41.3489, 0.3080, 0.4170**.

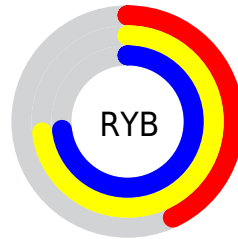
Distribution



Red (43%)

Green (73%)

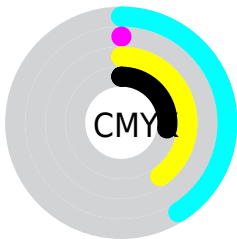
Blue (44%)



Red (43%)

Yellow (73%)

Blue (73%)

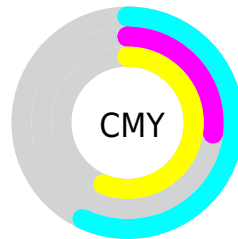


Cyan (41%)

Magenta (0%)

Yellow (40%)

Black (27%)



Cyan (57%)


Magenta (27%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5805, 0.3062, 0.4513 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 39.5805, 0.3062, 0.4513 by changing the saturation by 10% instead.

 39.5805, 0.3062,
0.4513


 39.5805, 0.3062,
0.4513


344.3523, 0.3119,
0.3847

 27.2116, 0.3038,
0.4697


 74.5243, 0.3090,
0.4258


 17.7322, 0.2999,
0.4942


 97.8680, 0.3098,
0.4166

 10.7579, 0.2935,
0.5286


 125.6387, 0.3104,
0.4090

 5.9043, 0.2815,
0.5792

 158.2210, 0.3108,
0.4026

 2.7870, 0.2693,
0.6917

195.9990, 0.3112,
0.3972

 1.0216, 0.0120,
0.9880


239.3573, 0.3115,


 0.0000, 0.0000,


0.3925


0.0000

288.6803, 0.3117,
0.3884


 39.5805, 0.3062,
0.4513


 39.5805, 0.3062,
0.4513


 38.1488, 0.3045,
0.4865


 41.3489, 0.3080,
0.4170


 37.0278, 0.3028,
0.5207


 43.4680, 0.3096,
0.3852


 36.1960, 0.3015,
0.5511

 45.9573, 0.3112,
0.3564

 35.6269, 0.3005,
0.5751


 48.8331, 0.3126,
0.3311


 35.2889, 0.3000,
0.5911

 52.1110, 0.3138,
0.3090

 35.1279, 0.2998,
0.5991

 55.8057, 0.3150,
0.2900

 59.9309, 0.3159,
0.2736

 63.6022, 0.3159,
0.2614

Harmonies

Analogous

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



39.5805, 0.3762, 0.4618



39.5805, 0.3062, 0.4513



39.5805, 0.2417, 0.3915

Triad

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



39.5805, 0.3062, 0.4513



39.5805, 0.1997, 0.2229



39.5805, 0.4396, 0.3241

Complementary

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



39.5805, 0.3062, 0.4513



25.0823, 0.3185, 0.2311

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.



39.5805, 0.3805, 0.2746



39.5805, 0.3062, 0.4513



39.5805, 0.2406, 0.2186

Square

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



39.5805, 0.3062, 0.4513



39.5805, 0.1855, 0.2539



39.5805, 0.3053, 0.2373



39.5805, 0.4582, 0.3786

Rectangle

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



39.5805, 0.3062, 0.4513



39.5805, 0.2103, 0.3391



39.5805, 0.3053, 0.2373



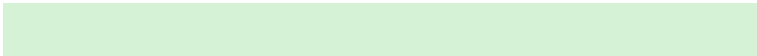
39.5805, 0.4235, 0.3067

Sweetspot

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



39.5822, 0.3062, 0.4513



82.6603, 0.3110, 0.3600



46.6873, 0.3730, 0.4286



18.0671, 0.3108, 0.3636



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.5822, 0.3062, 0.4513



69.3907, 0.3046, 0.4828



40.5716, 0.2815, 0.3894



10.0621, 0.3114, 0.3523



23.6310, 0.2997, 0.5989



0.8337, 0.2985, 0.5945

Inverse Universe

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



25.0823, 0.3185, 0.2311



39.5498, 0.3198, 0.2119



23.7194, 0.3631, 0.2764



9.1605, 0.3140, 0.3068



9.3352, 0.3244, 0.1561



0.3298, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 39.5805, 0.3062, 0.4513 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 39.5805, 0.3062, 0.4513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

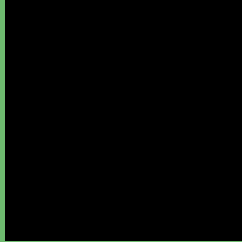
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5805, 0.3062, 0.4513

Background



This preview shows how black text looks on a background with the Yxy color 39.5805, 0.3062, 0.4513.



This preview shows how white text looks on a background with the Yxy color 39.5805, 0.3062, 0.4513.

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

39.5805, 0.3062, 0.4513

Protanopia

39.0720, 0.3839, 0.4164

Deuteranopia

39.0535, 0.3934, 0.3863



Tritanopia

39.6415, 0.2624, 0.3084

Trichromacy



Original Color

39.5805, 0.3062, 0.4513

Protanomaly

38.7894, 0.3513, 0.4300

Deuteranomaly

38.2027, 0.3575, 0.4088

Tritanomaly

39.2442, 0.2781, 0.3568

Monochromacy



Original Color

39.5805, 0.3062, 0.4513

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.6255, 0.3107, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5805, 0.3062, 0.4513 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, 186, 111)` looks like.

```
.text, #text, p{  
    color:rgb(110, 186, 111)  
}
```

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, 186, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 111) }
```

Border

The CSS property to change the border of an element to Yxy 39.5805, 0.3062, 0.4513 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, 186, 111) }
```

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

```
.border{ border-color:rgb(110, 186, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 186, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 186, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 186, 111);  
box-shadow:4px 4px 4px 4px rgb(110, 186,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5805, 0.3062, 0.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 186, 111) }
```

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

```
.background{ background-color: rgb(110,  
186, 111) }
```

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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