

Converting Colors

$Yxy(39.5756, 0.3234, 0.5345)$

Have a look what the booklet for
Yxy(39.5756, 0.3234, 0.5345)
contains.

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Color

Yxy(39.5756, 0.3232, 0.5347)

Conversions

Conversions Part 1

Format	Color
Hex	5FBE3B
RGB	95, 190, 59
RGB Percent	37%, 75%, 23%
CMY	0.6275, 0.2549, 0.7686
CMYK	0.50, 0.00, 0.69, 0.25
HSL	104°, 53%, 49%
HSV	104°, 69%, 75%
XYZ	23.9215, 39.5756, 10.5175
YIQ	146.6610, -14.5690, -60.8810

Conversions

Conversions Part 2

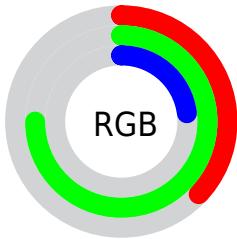
Format	Color
RYB	59, 190, 154
Decimal	6274619
CIELab	69.17, -51.41, 55.07
CIElCh	69, 75.340, 133.031
Yxy	39.5756, 0.3232, 0.5347
Android (android.graphics.Color)	4284464699 (0xFF5FBE3B)
YUV	146.6610, -43.2169, -45.3067
Hunter-Lab	62.9091, -42.2155, 34.1240

Details

The Yxy color **39.5756, 0.3232, 0.5347** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **13.7210, 0.2749, 0.1559**, and the grayscale version is **29.2167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4861, 0.3264, 0.4924**, and **17.8695, 0.3089, 0.5929** is the 20% darker color. If you saturate the color by 10%, you get **38.7408, 0.3206, 0.5593**, and if you desaturate by 10%, it is **40.6161, 0.3244, 0.5054**.

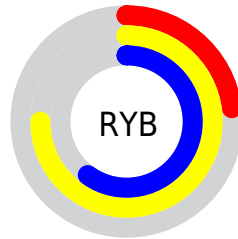
Distribution



Red (37%)

Green (75%)

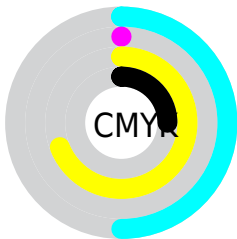
Blue (23%)



Red (23%)

Yellow (75%)

Blue (60%)

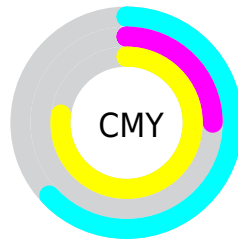


Cyan (50%)

Magenta (0%)

Yellow (69%)

Black (25%)



Cyan (63%)


Magenta (25%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5756, 0.3232, 0.5347 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 39.5756, 0.3232, 0.5347 by changing the saturation by 10% instead.

 39.5756, 0.3232,
0.5347


 39.5756, 0.3232,
0.5347


344.3315, 0.3253,
0.4229


 27.2078, 0.3192,
0.5640


 74.5168, 0.3263,
0.4926


 17.7293, 0.3117,
0.6015


 97.8590, 0.3267,
0.4772


 10.7558, 0.2974,
0.6499


 125.6282, 0.3268,
0.4643

 5.9029, 0.2747,
0.7253

 158.2086, 0.3267,
0.4534

 2.7861, 0.2147,
0.7853

 195.9848, 0.3264,
0.4441

 1.0211, 0.0000,
1.0000

239.3411, 0.3261,

 0.0000, 0.0000,

0.4361

0.0000

288.6619, 0.3257,
0.4291

■ 39.5756, 0.3232,
0.5347

■ 39.5756, 0.3232,
0.5347

■ 38.7408, 0.3206,
0.5593

■ 40.6161, 0.3244,
0.5054

■ 38.0916, 0.3168,
0.5776

■ 41.8706, 0.3243,
0.4735

■ 37.6078, 0.3123,
0.5894

■ 43.3529, 0.3231,
0.4408

■ 37.5639, 0.3119,
0.5905

■ 45.0742, 0.3211,
0.4089

■ 47.0449, 0.3184,
0.3789

■ 49.2747, 0.3155,
0.3513

■ 51.7728, 0.3124,
0.3265

■ 54.5480, 0.3092,
0.3044

■ 57.6087, 0.3061,
0.2848

Harmonies

Analogous

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



39.5756, 0.4205, 0.5100



39.5756, 0.3232, 0.5347



39.5756, 0.2282, 0.4624

Triad

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



39.5756, 0.3232, 0.5347



39.5756, 0.1463, 0.1853



39.5756, 0.4837, 0.2945

Complementary

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



39.5756, 0.3232, 0.5347



13.7210, 0.2749, 0.1559

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.



39.5756, 0.3800, 0.2335



39.5756, 0.3232, 0.5347



39.5756, 0.1889, 0.1735

Square

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



39.5756, 0.3232, 0.5347



39.5756, 0.1369, 0.2346



39.5756, 0.2688, 0.1909



39.5756, 0.5267, 0.3644

Rectangle

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



39.5756, 0.3232, 0.5347



39.5756, 0.1797, 0.3763



39.5756, 0.2688, 0.1909



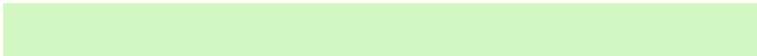
39.5756, 0.4536, 0.2728

Sweetspot

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



39.5773, 0.3232, 0.5347



84.3477, 0.3191, 0.3859



34.0108, 0.4374, 0.4454



18.2994, 0.3199, 0.3942



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.5773, 0.3232, 0.5347



69.5238, 0.3187, 0.5701



38.4541, 0.2897, 0.5075



10.7730, 0.3156, 0.3524



25.0105, 0.3127, 0.5899



1.0134, 0.3317, 0.5748

Inverse Universe

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



13.7210, 0.2749, 0.1559



19.4693, 0.2635, 0.1310



16.6728, 0.3587, 0.2042



9.5610, 0.3095, 0.3061



6.0955, 0.2532, 0.1168



0.2697, 0.2701, 0.1262

Previews

White Background



This preview shows how the Yxy color 39.5756, 0.3232, 0.5347 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 39.5756, 0.3232, 0.5347 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 39.5756, 0.3232, 0.5347

Background



This preview shows how black text looks on a background with the Yxy color 39.5756, 0.3232, 0.5347.



This preview shows how white text looks on a background with the Yxy color 39.5756, 0.3232, 0.5347.

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

39.5756, 0.3232, 0.5347

Protanopia

38.9537, 0.4245, 0.4673

Deuteranopia

38.6484, 0.4423, 0.4326



Tritanopia

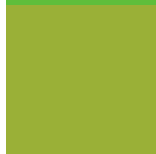
39.5685, 0.2574, 0.3082

Trichromacy



Original Color

39.5756, 0.3232, 0.5347



Protanomaly

38.1965, 0.3828, 0.4950



Deuteranomaly

37.3583, 0.3943, 0.4707



Tritanomaly

38.7845, 0.2837, 0.3903

Monochromacy



Original Color

39.5756, 0.3232, 0.5347



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

32.0214, 0.3209, 0.4095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5756, 0.3232, 0.5347 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(95, 190, 59)` looks like.

```
.text, #text, p{  
    color:rgb(95, 190, 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(95, 190, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 190, 59) }
```

Border

The CSS property to change the border of an element to Yxy 39.5756, 0.3232, 0.5347 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(95, 190, 59) }
```

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

```
.border{ border-color:rgb(95, 190, 59) }
```

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

Here you see how a box with a 4 pixel rgb(95, 190, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 190, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 190, 59);  
box-shadow:4px 4px 4px 4px rgb(95, 190,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5756, 0.3232, 0.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 190, 59) }
```

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

```
.background{ background-color: rgb(95, 190,  
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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