

Converting Colors

$Yxy(39.6560, 0.3778, 0.5196)$

Have a look what the booklet for
Yxy(39.6560, 0.3778, 0.5196)
contains.

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Color

Yxy(39.6943, 0.3783, 0.5195)

Conversions

Conversions Part 1

Format	Color
Hex	92B624
RGB	146, 182, 36
RGB Percent	57%, 71%, 14%
CMY	0.4273, 0.2863, 0.8587
CMYK	0.20, 0.00, 0.80, 0.29
HSL	75°, 67%, 43%
HSV	75°, 80%, 71%
XYZ	28.9054, 39.6943, 7.8090
YIQ	154.5920, 25.4100, -53.0380

Conversions

Conversions Part 2

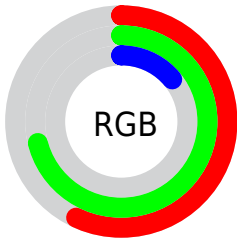
Format	Color
RYB	36, 182, 72
Decimal	9614884
CIELab	69.25, -31.22, 63.89
CIELCh	69, 71.111, 116.044
Yxy	39.6943, 0.3783, 0.5195
Android (android.graphics.Color)	4287804964 (0xFF92B624)
YUV	154.5920, -58.4659, -7.5352
Hunter-Lab	63.0034, -28.3618, 36.7537

Details

The Yxy color **39.6943, 0.3783, 0.5195** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6.0179, 0.1878, 0.0962**, and the grayscale version is **32.8482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6718, 0.3715, 0.4844**, and **17.9247, 0.3697, 0.5447** is the 20% darker color. If you saturate the color by 10%, you get **39.2086, 0.3783, 0.5314**, and if you desaturate by 10%, it is **40.2562, 0.3758, 0.5030**.

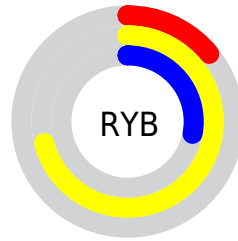
Distribution



Red (57%)

Green (71%)

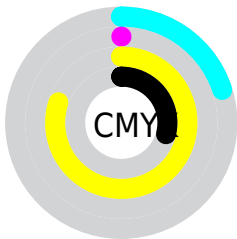
Blue (14%)



Red (14%)

Yellow (71%)

Blue (28%)

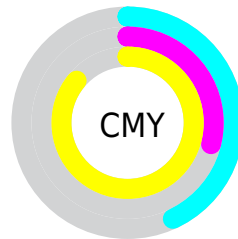


Cyan (20%)

Magenta (0%)

Yellow (80%)

Black (29%)



Cyan (43%)


Magenta (29%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6943, 0.3783, 0.5195 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 39.6943, 0.3783, 0.5195 by changing the saturation by 10% instead.


 39.6943, 0.3783,
0.5195


 39.6943, 0.3783,
0.5195


344.8334, 0.3531,
0.4217

 27.3003, 0.3805,
0.5423


 74.6978, 0.3719,
0.4846

 17.7989, 0.3804,
0.5696


 98.0760, 0.3686,
0.4712

 10.8057, 0.3783,
0.6068


 125.8845, 0.3655,
0.4598

 5.9363, 0.3603,
0.6397

 158.5075, 0.3626,
0.4499

 2.8064, 0.3228,
0.6772

 196.3295, 0.3599,
0.4415

 1.0315, 0.1700,
0.8300

 239.7349, 0.3574,

 0.0000, 0.0000,

0.4340

0.0000

289.1081, 0.3552,
0.4275

■ 39.6943, 0.3783,
0.5195

■ 39.6943, 0.3783,
0.5195

■ 39.2086, 0.3783,
0.5314

■ 40.2562, 0.3758,
0.5030

■ 38.7862, 0.3764,
0.5393

■ 40.8966, 0.3708,
0.4825

■ 41.6239, 0.3637,
0.4588

■ 42.4440, 0.3549,
0.4331

■ 43.3620, 0.3450,
0.4065

■ 44.3827, 0.3344,
0.3798

■ 45.5105, 0.3236,
0.3540

■ 46.7497, 0.3129,
0.3295

■ 48.1040, 0.3026,
0.3066

Harmonies

Analogous

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



39.6943, 0.4622, 0.4673



39.6943, 0.3783, 0.5195



39.6943, 0.2832, 0.5037

Triad

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



39.6943, 0.3783, 0.5195



39.6943, 0.1444, 0.2141



39.6943, 0.4230, 0.2621

Complementary

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



39.6943, 0.3783, 0.5195



6.0179, 0.1878, 0.0962

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.



39.6943, 0.3149, 0.2120



39.6943, 0.3783, 0.5195



39.6943, 0.1671, 0.1831

Square

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



39.6943, 0.3783, 0.5195



39.6943, 0.1542, 0.2877



39.6943, 0.2236, 0.1842



39.6943, 0.5009, 0.3258

Rectangle

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



39.6943, 0.3783, 0.5195



39.6943, 0.2254, 0.4425



39.6943, 0.2236, 0.1842



39.6943, 0.3876, 0.2434

Sweetspot

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



39.6961, 0.3783, 0.5195



79.6684, 0.3389, 0.3910



14.4633, 0.5509, 0.3654



17.4524, 0.3427, 0.4005



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.6961, 0.3783, 0.5195



70.5074, 0.3768, 0.5373



35.0758, 0.3196, 0.5620



10.3889, 0.3227, 0.3518



27.4239, 0.3769, 0.5389



0.9938, 0.3884, 0.5298

Inverse Universe

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



6.0179, 0.1878, 0.0962



7.4726, 0.1665, 0.0706



10.4866, 0.2683, 0.1378



8.8235, 0.3022, 0.3056



2.8033, 0.1652, 0.0683



0.1287, 0.1931, 0.0838

Previews

White Background



This preview shows how the Yxy color 39.6943, 0.3783, 0.5195 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 39.6943, 0.3783, 0.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

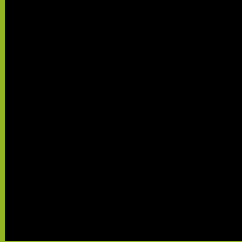
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6943, 0.3783, 0.5195

Background



This preview shows how black text looks on a background with the Yxy color 39.6943, 0.3783, 0.5195.



This preview shows how white text looks on a background with the Yxy color 39.6943, 0.3783, 0.5195.

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

39.6943, 0.3783, 0.5195

Protanopia

39.4329, 0.4338, 0.4791

Deuteranopia

39.3439, 0.4586, 0.4484



Tritanopia

39.3719, 0.2942, 0.3095

Trichromacy



Original Color

39.6943, 0.3783, 0.5195

Protanomaly

39.3863, 0.4128, 0.4945

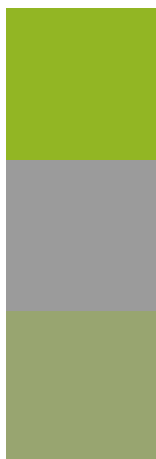
Deuteranomaly

38.8710, 0.4291, 0.4741

Tritanomaly

38.9517, 0.3330, 0.3945

Monochromacy



Original Color

39.6943, 0.3783, 0.5195

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.7555, 0.3468, 0.4109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6943, 0.3783, 0.5195 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(146, 182, 36)` looks like.

```
.text, #text, p{  
    color:rgb(146, 182, 36)  
}
```

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(146, 182, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 182, 36) }
```

Border

The CSS property to change the border of an element to Yxy 39.6943, 0.3783, 0.5195 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(146, 182, 36) }
```

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

```
.border{ border-color:rgb(146, 182, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 182, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 182, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 182, 36);  
box-shadow:4px 4px 4px 4px rgb(146, 182,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6943, 0.3783, 0.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 182, 36) }
```

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

```
.background{ background-color: rgb(146,  
182, 36) }
```

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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