

Converting Colors

$Yxy(43.3657, 0.3655, 0.5115)$

Have a look what the booklet for
Yxy(43.3657, 0.3655, 0.5115)
contains.

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Color

Yxy(43.2234, 0.3660, 0.5106)

Conversions

Conversions Part 1

Format	Color
Hex	92BE38
RGB	146, 190, 56
RGB Percent	57%, 75%, 22%
CMY	0.4274, 0.2549, 0.7805
CMYK	0.23, 0.00, 0.71, 0.25
HSL	80°, 54%, 48%
HSV	80°, 71%, 75%
XYZ	30.9827, 43.2234, 10.4461
YIQ	161.5680, 16.7900, -51.0020

Conversions

Conversions Part 2

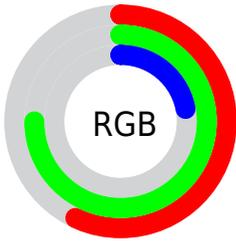
Format	Color
RYB	56, 190, 100
Decimal	9616952
CIELab	71.71, -33.93, 59.66
CIELCh	72, 68.636, 119.631
Yxy	43.2234, 0.3660, 0.5106
Android (android.graphics.Color)	4287807032 (0xFF92BE38)
YUV	161.5680, -52.0450, -13.6531
Hunter-Lab	65.7445, -30.9331, 36.6006

Details

The Yxy color **43.2234, 0.3660, 0.5106** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **9.2490, 0.2131, 0.1235**, and the grayscale version is **36.1612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7557, 0.3610, 0.4763**, and **19.8325, 0.3635, 0.5496** is the 20% darker color. If you saturate the color by 10%, you get **42.5175, 0.3670, 0.5286**, and if you desaturate by 10%, it is **44.0348, 0.3625, 0.4885**.

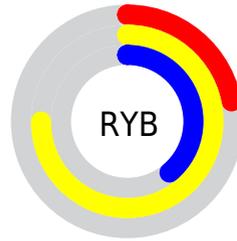
Distribution



Red (57%)

Green (75%)

Blue (22%)



Red (22%)

Yellow (75%)

Blue (39%)

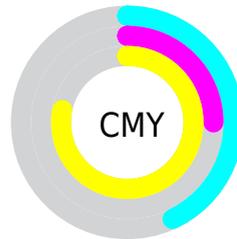


Cyan (23%)

Magenta (0%)

Yellow (71%)

Black (25%)



Cyan (43%)

Magenta (25%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2234, 0.3660, 0.5106 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 43.2234, 0.3660, 0.5106 by changing the saturation by 10% instead.

 43.2234, 0.3660,
0.5106

 43.2234, 0.3660,
0.5106

359.5297, 0.3459,
0.4170

 30.0604, 0.3678,
0.5331

 80.0479, 0.3609,
0.4768

 19.8845, 0.3679,
0.5608

 104.4782, 0.3583,
0.4639

 12.3111, 0.3640,
0.5946

 133.4330, 0.3558,
0.4531

 6.9559, 0.3562,
0.6438

 167.2969, 0.3535,
0.4437

 3.4345, 0.3201,
0.6799

 206.4540, 0.3513,
0.4357

 1.3626, 0.2284,
0.7716

251.2890, 0.3494,

 0.1889, 0.0000,

0.4286

1.0000

302.1861, 0.3476,
0.4224

■ 0.0000, 0.0000,
0.0000

■ 43.2234, 0.3660,
0.5106

■ 43.2234, 0.3660,
0.5106

■ 42.5175, 0.3670,
0.5286

■ 44.0348, 0.3625,
0.4885

■ 41.9023, 0.3656,
0.5417

■ 44.9537, 0.3569,
0.4634

■ 41.3899, 0.3625,
0.5504

■ 45.9886, 0.3497,
0.4364

■ 47.1457, 0.3412,
0.4087

■ 48.4305, 0.3321,
0.3814

■ 49.8483, 0.3226,
0.3551

■ 51.4039, 0.3132,
0.3303

■ 53.1019, 0.3041,
0.3074

■ 54.9467, 0.2953,
0.2864

Harmonies

Analogous

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



43.2234, 0.4476, 0.4692



43.2234, 0.3660, 0.5106



43.2234, 0.2757, 0.4835

Triad

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



43.2234, 0.3660, 0.5106



43.2234, 0.1532, 0.2152



43.2234, 0.4276, 0.2728

Complementary

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



43.2234, 0.3660, 0.5106



9.2490, 0.2131, 0.1235

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.



43.2234, 0.3272, 0.2225



43.2234, 0.3660, 0.5106



43.2234, 0.1789, 0.1889

Square

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



43.2234, 0.3660, 0.5106



43.2234, 0.1592, 0.2804



43.2234, 0.2373, 0.1929



43.2234, 0.4945, 0.3352

Rectangle

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



43.2234, 0.3660, 0.5106



43.2234, 0.2223, 0.4219



43.2234, 0.2373, 0.1929



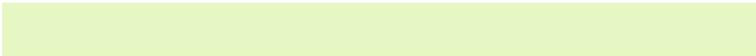
43.2234, 0.3955, 0.2542

Sweetspot

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



43.2253, 0.3660, 0.5106



87.5678, 0.3328, 0.3835



20.0446, 0.5009, 0.3810



19.0821, 0.3354, 0.3911



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.



43.2253, 0.3660, 0.5106



76.3772, 0.3665, 0.5368



38.8418, 0.3150, 0.5442



10.9594, 0.3215, 0.3520



27.5654, 0.3633, 0.5498



1.1139, 0.3771, 0.5388

Inverse Universe

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



9.2490, 0.2131, 0.1235



11.1366, 0.1895, 0.0900



14.5879, 0.2890, 0.1602



9.3733, 0.3034, 0.3056



3.1990, 0.1749, 0.0737



0.1616, 0.2032, 0.0893

Previews

White Background



This preview shows how the Yxy color 43.2234, 0.3660, 0.5106 looks on a white background.

Color Contrast Check

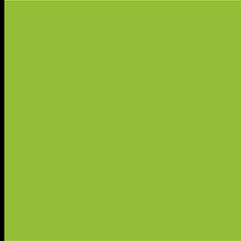
Large Text (above 18pt) WCAG AA × Fail

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 43.2234, 0.3660, 0.5106 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 43.2234, 0.3660, 0.5106

Background



This preview shows how black text looks on a background with the Yxy color 43.2234, 0.3660, 0.5106.



This preview shows how white text looks on a background with the Yxy color 43.2234, 0.3660, 0.5106.

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

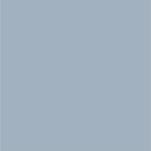
43.2234, 0.3660, 0.5106

Protanopia

42.6436, 0.4264, 0.4697

Deuteranopia

42.5595, 0.4486, 0.4388



Tritanopia

42.8873, 0.2893, 0.3099

Trichromacy



Original Color

43.2234, 0.3660, 0.5106

Protanomaly

42.3645, 0.4043, 0.4849

Deuteranomaly

42.2142, 0.4175, 0.4646

Tritanomaly

42.4768, 0.3219, 0.3871

Monochromacy



Original Color

43.2234, 0.3660, 0.5106

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.0030, 0.3393, 0.4025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2234, 0.3660, 0.5106 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, 190, 56)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 56)  
}
```

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, 190, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 56) }
```

Border

The CSS property to change the border of an element to Yxy 43.2234, 0.3660, 0.5106 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, 190, 56) }
```

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

```
.border{ border-color:rgb(146, 190, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 56);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
56) }
```

Background

The CSS property to change the background color of an element to Yxy 43.2234, 0.3660, 0.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 56) }
```

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

```
.background{ background-color: rgb(146,  
190, 56) }
```

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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