

Converting Colors

$Yxy(22.5407, 0.3822, 0.5347)$

Have a look what the booklet for
Yxy(22.5407, 0.3822, 0.5347)
contains.

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Color

Yxy(22.4293, 0.3829, 0.5341)

Conversions

Conversions Part 1

Format	Color
Hex	6F8D00
RGB	111, 141, 0
RGB Percent	44%, 55%, 0%
CMY	0.5648, 0.4470, 0.9994
CMYK	0.21, 0.00, 1.00, 0.45
HSL	73°, 100%, 28%
HSV	73°, 100%, 55%
XYZ	16.0797, 22.4293, 3.4855
YIQ	115.9560, 27.3810, -50.2110

Conversions

Conversions Part 2

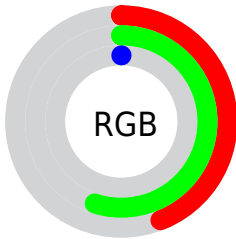
Format	Color
RYB	0, 141, 30
Decimal	7310592
CIELab	54.48, -27.26, 58.01
CIELCh	54, 64.097, 115.166
Yxy	22.4293, 0.3829, 0.5341
Android (android.graphics.Color)	4285500672 (0xFF6F8D00)
YUV	115.9560, -57.1663, -4.3464
Hunter-Lab	47.3596, -22.2742, 28.7881

Details

The Yxy color **22.4293, 0.3829, 0.5341** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.2048, 0.1626, 0.0670**, and the grayscale version is **17.6278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5669, 0.3752, 0.4915**, and **8.3817, 0.3610, 0.5516** is the 20% darker color. If you saturate the color by 10%, you get **22.4280, 0.3829, 0.5342**, and if you desaturate by 10%, it is **22.6606, 0.3836, 0.5254**.

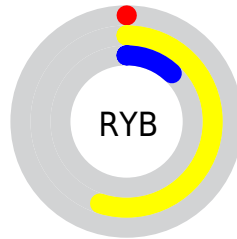
Distribution



Red (44%)

Green (55%)

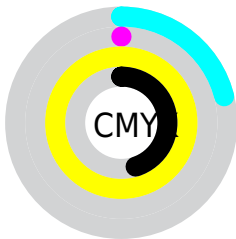
Blue (0%)



Red (0%)

Yellow (55%)

Blue (12%)

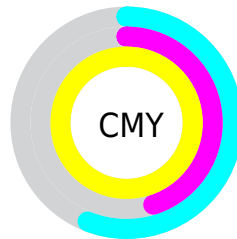


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (56%)


Magenta (45%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4293, 0.3829, 0.5341 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 22.4293, 0.3829, 0.5341 by changing the saturation by 10% instead.


 22.4293, 0.3829,
0.5341


 22.4293, 0.3829,
0.5341


 264.7801, 0.3540,
0.4202


 14.1727, 0.3839,
0.5626


 47.4545, 0.3759,
0.4915

 8.2409, 0.3859,
0.6067


 64.9919, 0.3720,
0.4756


 4.2495, 0.3635,
0.6365

 86.3917, 0.3683,
0.4624

 1.8141, 0.3212,
0.6788

 112.0382, 0.3648,
0.4512

 0.4959, 0.0000,
1.0000


 142.3159, 0.3617,
0.4417

 0.0000, 0.0000,
0.0000


 177.6092, 0.3589,


0.4335


 218.3025, 0.3563,
0.4264


 22.4293, 0.3829,
0.5341


 22.4293, 0.3829,
0.5341


 22.4280, 0.3829,
0.5342

 22.6606, 0.3836,
0.5254

 22.9185, 0.3825,
0.5134

 23.2149, 0.3790,
0.4972

 23.5537, 0.3732,
0.4772

 23.9382, 0.3654,
0.4542

■ 24.3716, 0.3561,
0.4294

■ 24.8565, 0.3457,
0.4036

■ 25.3955, 0.3347,
0.3778

■ 25.9908, 0.3236,
0.3527

Harmonies

Analogous

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



22.4293, 0.4731, 0.4721



22.4293, 0.3829, 0.5341



22.4293, 0.2815, 0.5239

Triad

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



22.4293, 0.3829, 0.5341



22.4293, 0.1333, 0.2062



22.4293, 0.4292, 0.2548

Complementary

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



22.4293, 0.3829, 0.5341



2.2048, 0.1626, 0.0670

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.



22.4293, 0.3111, 0.2027



22.4293, 0.3829, 0.5341



22.4293, 0.1562, 0.1734

Square

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



22.4293, 0.3829, 0.5341



22.4293, 0.1437, 0.2856



22.4293, 0.2142, 0.1742



22.4293, 0.5156, 0.3212

Rectangle

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



22.4293, 0.3829, 0.5341



22.4293, 0.2195, 0.4579



22.4293, 0.2142, 0.1742



22.4293, 0.3902, 0.2352

Sweetspot

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



22.4303, 0.3829, 0.5341



44.4423, 0.3465, 0.4055



6.5090, 0.6141, 0.3504



9.8528, 0.3504, 0.4151



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.4303, 0.3829, 0.5341



40.0870, 0.3821, 0.5348



19.5525, 0.3155, 0.5876



6.2282, 0.3228, 0.3510



20.4554, 0.3830, 0.5341



0.2049, 0.4015, 0.5194

Inverse Universe

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



2.2048, 0.1626, 0.0670



3.8778, 0.1610, 0.0661



4.5647, 0.2479, 0.1140



5.3070, 0.3021, 0.3065



2.0118, 0.1628, 0.0671



0.0273, 0.2002, 0.0877

Previews

White Background



This preview shows how the Yxy color 22.4293, 0.3829, 0.5341 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4293, 0.3829, 0.5341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

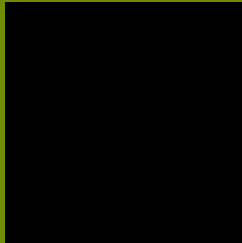
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4293, 0.3829, 0.5341

Background



This preview shows how black text looks on a background with the Yxy color 22.4293, 0.3829, 0.5341.



This preview shows how white text looks on a background with the Yxy color 22.4293, 0.3829, 0.5341.

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

22.4293, 0.3829, 0.5341

Protanopia

22.1683, 0.4408, 0.4882

Deuteranopia

22.1286, 0.4634, 0.4544



Tritanopia

22.3666, 0.2935, 0.3112

Trichromacy



Original Color

22.4293, 0.3829, 0.5341

Protanomaly

22.1185, 0.4193, 0.5053

Deuteranomaly

22.0224, 0.4344, 0.4843

Tritanomaly

21.9881, 0.3414, 0.4143

Monochromacy



Original Color

22.4293, 0.3829, 0.5341

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.7391, 0.3563, 0.4305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4293, 0.3829, 0.5341 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(111, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(111, 141, 0)  
}
```

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(111, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 141, 0) }
```

Border

The CSS property to change the border of an element to Yxy 22.4293, 0.3829, 0.5341 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(111, 141, 0) }
```

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

```
.border{ border-color:rgb(111, 141, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 141, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(111, 141,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4293, 0.3829, 0.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 141, 0) }
```

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

```
.background{ background-color: rgb(111,  
141, 0) }
```

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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