

Converting Colors

$Y_{xy}(22.4396, 0.3547, 0.5358)$

Have a look what the booklet for
Yxy(22.4396, 0.3547, 0.5358)
contains.

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Color

Yxy(22.4585, 0.3551, 0.5355)

Conversions

Conversions Part 1

Format	Color
Hex	5F901B
RGB	95, 144, 27
RGB Percent	37%, 56%, 11%
CMY	0.6273, 0.4353, 0.8940
CMYK	0.34, 0.00, 0.81, 0.44
HSL	85°, 68%, 34%
HSV	85°, 81%, 56%
XYZ	14.8926, 22.4585, 4.5882
YIQ	116.0110, 8.3530, -46.7750

Conversions

Conversions Part 2

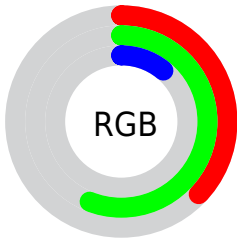
Format	Color
R_{YB}	27, 144, 76
Decimal	6262811
CIE _{Lab}	54.51, -34.37, 51.97
CIE _{LCh}	55, 62.308, 123.475
Yxy	22.4585, 0.3551, 0.5355
Android (android.graphics.Color)	4284452891 (0xFF5F901B)
YUV	116.0110, -43.8824, -18.4266
Hunter-Lab	47.3904, -26.8388, 27.4330

Details

The Yxy color **22.4585, 0.3551, 0.5355** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4.3350, 0.2127, 0.1097**, and the grayscale version is **17.6068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3869, 0.3523, 0.4894**, and **8.3001, 0.3336, 0.5734** is the 20% darker color. If you saturate the color by 10%, you get **22.0978, 0.3528, 0.5504**, and if you desaturate by 10%, it is **22.8789, 0.3552, 0.5158**.

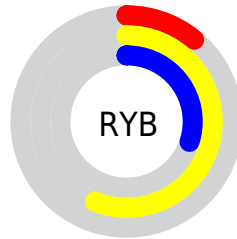
Distribution



 Red (37%)

 Green (56%)

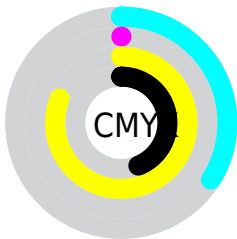
 Blue (11%)



 Red (11%)

 Yellow (56%)

 Blue (30%)

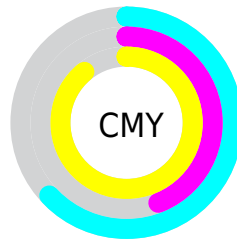


 Cyan (34%)

 Magenta (0%)

 Yellow (81%)

 Black (44%)



 Cyan (63%)


 Magenta (44%)

 Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4585, 0.3551, 0.5355 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 22.4585, 0.3551, 0.5355 by changing the saturation by 10% instead.


 22.4585, 0.3551,
0.5355


 22.4585, 0.3551,
0.5355


 264.9314, 0.3400,
0.4168


 14.1942, 0.3535,
0.5683


 47.5026, 0.3527,
0.4893


 8.2558, 0.3480,
0.6130

 65.0513, 0.3506,
0.4727


 4.2591, 0.3300,
0.6700

 86.4634, 0.3486,
0.4591

 1.8195, 0.2743,
0.7257

 112.1235, 0.3466,
0.4478

 0.4993, 0.0000,
1.0000

 142.4160, 0.3448,
0.4382

 0.0000, 0.0000,
0.0000

 177.7252, 0.3430,

0.4300

218.4355, 0.3415,
0.4230

22.4585, 0.3551,
0.5355

22.4585, 0.3551,
0.5355

22.0978, 0.3528,
0.5504

22.8789, 0.3552,
0.5158

21.8175, 0.3496,
0.5606

23.3607, 0.3530,
0.4922

23.9091, 0.3490,
0.4659

24.5278, 0.3434,
0.4381

25.2200, 0.3366,
0.4100

■ 25.9889, 0.3292,
0.3825

■ 26.8374, 0.3215,
0.3563

■ 27.7681, 0.3137,
0.3319

■ 28.7837, 0.3060,
0.3094

Harmonies

Analogous

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



22.4585, 0.4482, 0.4896



22.4585, 0.3551, 0.5355



22.4585, 0.2566, 0.4958

Triad

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



22.4585, 0.3551, 0.5355



22.4585, 0.1400, 0.1964



22.4585, 0.4550, 0.2738

Complementary

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



22.4585, 0.3551, 0.5355



4.3350, 0.2127, 0.1097

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.



22.4585, 0.3428, 0.2176



22.4585, 0.3551, 0.5355



22.4585, 0.1716, 0.1740

Square

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



22.4585, 0.3551, 0.5355



22.4585, 0.1410, 0.2605



22.4585, 0.2393, 0.1825



22.4585, 0.5212, 0.3415

Rectangle

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



22.4585, 0.3551, 0.5355



22.4585, 0.2009, 0.4185



22.4585, 0.2393, 0.1825



22.4585, 0.4199, 0.2533

Sweetspot

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



22.4595, 0.3551, 0.5355



45.3824, 0.3317, 0.3914



11.1448, 0.5123, 0.4002



10.3071, 0.3341, 0.4002



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.4595, 0.3551, 0.5355



38.5440, 0.3496, 0.5587



20.4143, 0.3057, 0.5711



6.1744, 0.3199, 0.3512



19.0136, 0.3499, 0.5604



0.1948, 0.3813, 0.5354

Inverse Universe

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



4.3350, 0.2127, 0.1097



5.4301, 0.1908, 0.0839



7.8875, 0.3042, 0.1569



5.3584, 0.3051, 0.3067



2.6111, 0.1900, 0.0821



0.0374, 0.2398, 0.1094

Previews

White Background



This preview shows how the Yxy color 22.4585, 0.3551, 0.5355 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 22.4585, 0.3551, 0.5355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

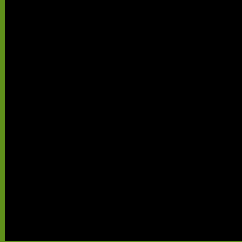
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4585, 0.3551, 0.5355

Background



This preview shows how black text looks on a background with the Yxy color 22.4585, 0.3551, 0.5355.



This preview shows how white text looks on a background with the Yxy color 22.4585, 0.3551, 0.5355.

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

22.4585, 0.3551, 0.5355

Protanopia

22.1381, 0.4331, 0.4796

Deuteranopia

22.0924, 0.4549, 0.4460



Tritanopia

22.3457, 0.2757, 0.3089

Trichromacy



Original Color

22.4585, 0.3551, 0.5355

Protanomaly

21.9059, 0.4028, 0.5018

Deuteranomaly

21.7514, 0.4164, 0.4796

Tritanomaly

22.0793, 0.3115, 0.4000

Monochromacy



Original Color

22.4585, 0.3551, 0.5355

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.7499, 0.3373, 0.4148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4585, 0.3551, 0.5355 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, 144, 27)` looks like.

```
.text, #text, p{  
    color:rgb(95, 144, 27)  
}
```

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, 144, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 144, 27) }
```

Border

The CSS property to change the border of an element to Yxy 22.4585, 0.3551, 0.5355 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, 144, 27) }
```

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

```
.border{ border-color:rgb(95, 144, 27) }
```

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

Here you see how a box with a 4 pixel rgb(95, 144, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 144, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 144, 27);  
box-shadow:4px 4px 4px 4px rgb(95, 144,  
27) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.4585, 0.3551, 0.5355$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 144, 27) }
```

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

```
.background{ background-color: rgb(95, 144,  
27) }
```

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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