

Converting Colors

$Y_{xy}(22.0018, 0.3623, 0.5505)$

Have a look what the booklet for
Yxy(22.0018, 0.3623, 0.5505)
contains.

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Color

Yxy(22.0778, 0.3625, 0.5504)

Conversions

Conversions Part 1

Format	Color
Hex	5F8F00
RGB	95, 143, 0
RGB Percent	37%, 56%, 0%
CMY	0.6275, 0.4392, 1.0000
CMYK	0.34, 0.00, 1.00, 0.44
HSL	80°, 100%, 28%
HSV	80°, 100%, 56%
XYZ	14.5407, 22.0778, 3.4938
YIQ	112.3460, 17.2950, -54.6490

Conversions

Conversions Part 2

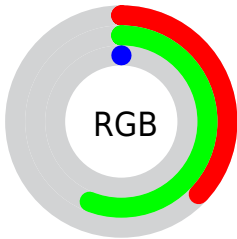
Format	Color
RYB	0, 143, 48
Decimal	6262528
CIELab	54.11, -34.78, 57.32
CIELCh	54, 67.051, 121.247
Yxy	22.0778, 0.3625, 0.5504
Android (android.graphics.Color)	4284452608 (0xFF5F8F00)
YUV	112.3460, -55.3866, -15.2124
Hunter-Lab	46.9870, -26.9883, 28.4823

Details

The Yxy color **22.0778, 0.3625, 0.5504** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6121, 0.1767, 0.0747**, and the grayscale version is **16.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8462, 0.3601, 0.5018**, and **8.1257, 0.3342, 0.5728** is the 20% darker color. If you saturate the color by 10%, you get **22.0788, 0.3625, 0.5504**, and if you desaturate by 10%, it is **22.3765, 0.3651, 0.5397**.

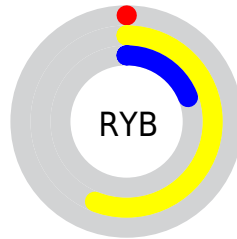
Distribution



Red (37%)

Green (56%)

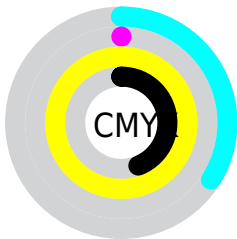
Blue (0%)



Red (0%)

Yellow (56%)

Blue (19%)

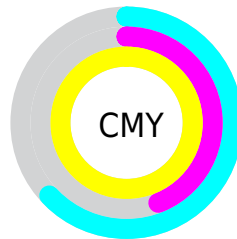


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (63%)


Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0778, 0.3625, 0.5504 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 22.0778, 0.3625, 0.5504 by changing the saturation by 10% instead.


 22.0778, 0.3625,
0.5504


 22.0778, 0.3625,
0.5504


 262.9523, 0.3455,
0.4245


 13.9141, 0.3599,
0.5835


 46.8746, 0.3603,
0.5023


 8.0609, 0.3566,
0.6353


 64.2764, 0.3580,
0.4847


 4.1340, 0.3264,
0.6736

 85.5263, 0.3557,
0.4702

 1.7488, 0.2666,
0.7334

 111.0089, 0.3534,
0.4580

 0.4549, 0.0000,
1.0000

 141.1083, 0.3512,
0.4477

 0.0000, 0.0000,
0.0000


 176.2091, 0.3491,

0.4389


 216.6956, 0.3473,
0.4312

 22.0778, 0.3625,
0.5504


 22.0778, 0.3625,
0.5504

 22.0788, 0.3625,
0.5504

 22.3765, 0.3651,
0.5397

 22.7119, 0.3660,
0.5255

 23.0965, 0.3646,
0.5069

 23.5345, 0.3609,
0.4844

 24.0297, 0.3552,
0.4593

■ 24.5854, 0.3480,
0.4326

■ 25.2046, 0.3398,
0.4055

■ 25.8900, 0.3309,
0.3788

■ 26.6444, 0.3218,
0.3531

Harmonies

Analogous

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



22.0778, 0.4608, 0.4919



22.0778, 0.3625, 0.5504



22.0778, 0.2579, 0.5193

Triad

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



22.0778, 0.3625, 0.5504



22.0778, 0.1290, 0.1904



22.0778, 0.4582, 0.2643

Complementary

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



22.0778, 0.3625, 0.5504



2.6121, 0.1767, 0.0747

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.



22.0778, 0.3352, 0.2069



22.0778, 0.3625, 0.5504



22.0778, 0.1593, 0.1652

Square

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



22.0778, 0.3625, 0.5504



22.0778, 0.1320, 0.2610



22.0778, 0.2270, 0.1722



22.0778, 0.5346, 0.3340

Rectangle

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



22.0778, 0.3625, 0.5504



22.0778, 0.1977, 0.4371



22.0778, 0.2270, 0.1722



22.0778, 0.4191, 0.2432

Sweetspot

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



22.0788, 0.3625, 0.5504



45.0600, 0.3403, 0.4072



7.9270, 0.5842, 0.3743



10.2346, 0.3435, 0.4175



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.



22.0788, 0.3625, 0.5504



39.4398, 0.3614, 0.5513



19.8387, 0.3059, 0.5953



6.1960, 0.3210, 0.3511



19.5320, 0.3628, 0.5502



0.1989, 0.3898, 0.5287

Inverse Universe

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



2.6121, 0.1767, 0.0747



4.5921, 0.1748, 0.0737



5.9174, 0.2799, 0.1316



5.3375, 0.3039, 0.3066



2.3200, 0.1772, 0.0750



0.0333, 0.2247, 0.1011

Previews

White Background



This preview shows how the Yxy color 22.0778, 0.3625, 0.5504 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 22.0778, 0.3625, 0.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

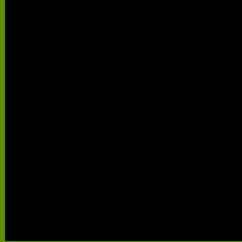
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0778, 0.3625, 0.5504

Background



This preview shows how black text looks on a background with the Yxy color 22.0778, 0.3625, 0.5504.



This preview shows how white text looks on a background with the Yxy color 22.0778, 0.3625, 0.5504.

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

22.0778, 0.3625, 0.5504

Protanopia

21.8115, 0.4409, 0.4881

Deuteranopia

21.6843, 0.4610, 0.4529



Tritanopia

22.1037, 0.2774, 0.3089

Trichromacy



Original Color

22.0778, 0.3625, 0.5504

Protanomaly

21.5622, 0.4105, 0.5123

Deuteranomaly

21.4122, 0.4249, 0.4899

Tritanomaly

21.6673, 0.3225, 0.4183

Monochromacy



Original Color

22.0778, 0.3625, 0.5504

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

17.6850, 0.3499, 0.4369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0778, 0.3625, 0.5504 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, 143, 0)` looks like.

```
.text, #text, p{  
  color:rgb(95, 143, 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(95, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 143, 0) }
```

Border

The CSS property to change the border of an element to Yxy 22.0778, 0.3625, 0.5504 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, 143, 0) }
```

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

```
.border{ border-color:rgb(95, 143, 0) }
```

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

Here you see how a box with a 4 pixel rgb(95, 143, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 143, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 22.0778, 0.3625, 0.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 143, 0) }
```

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

```
.background{ background-color: rgb(95, 143,  
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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