

Converting Colors

$Y_{xy}(11.0654, 0.3592, 0.5791)$

Have a look what the booklet for
Yxy(11.0654, 0.3592, 0.5791)
contains.

Yxy(11.0953, 0.3515, 0.5591)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0953, 0.3515, 0.5591)

Conversions

Conversions Part 1

Format	Color
Hex	3D6900
RGB	61, 105, 0
RGB Percent	24%, 41%, 0%
CMY	0.7608, 0.5882, 1.0000
CMYK	0.42, 0.00, 1.00, 0.59
HSL	85°, 100%, 21%
HSV	85°, 100%, 41%
XYZ	6.9755, 11.0953, 1.7741
YIQ	79.8740, 7.4810, -41.9830

Conversions

Conversions Part 2

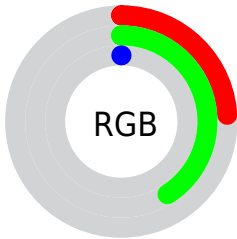
Format	Color
R_{YB}	0, 105, 44
Decimal	4024576
CIE Lab	39.74, -30.92, 45.40
CIE LCh	40, 54.931, 124.259
Yxy	11.0953, 0.3515, 0.5591
Android (android.graphics.Color)	4282214656 (0xFF3D6900)
YUV	79.8740, -39.3779, -16.5525
Hunter-Lab	33.3096, -20.9114, 20.1588

Details

The Yxy color **11.0953, 0.3515, 0.5591** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.5564, 0.1928, 0.0836**, and the grayscale version is **8.0733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9404, 0.3504, 0.4981**, and **2.9456, 0.3040, 0.5968** is the 20% darker color. If you saturate the color by 10%, you get **11.0956, 0.3515, 0.5591**, and if you desaturate by 10%, it is **11.2643, 0.3539, 0.5449**.

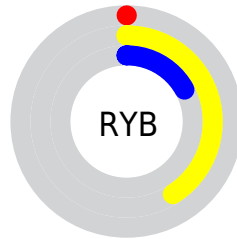
Distribution



Red (24%)

Green (41%)

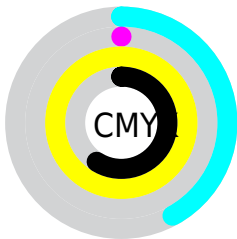
Blue (0%)



Red (0%)

Yellow (41%)

Blue (17%)

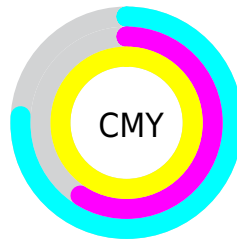


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (76%)


Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0953, 0.3515, 0.5591 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 11.0953, 0.3515, 0.5591 by changing the saturation by 10% instead.


 11.0953, 0.3515,
0.5591


 11.0953, 0.3515,
0.5591


 198.3202, 0.3382,
0.4139


 6.1310, 0.3481,
0.6110

 27.8363, 0.3513,
0.4982

 2.9249, 0.3267,
0.6733


 40.3817, 0.3493,
0.4777

 1.0926, 0.1982,
0.8018

 56.2229, 0.3472,
0.4614


 0.0000, 0.0000,
0.0000


 75.7444, 0.3451,
0.4482


 99.3304, 0.3431,
0.4374

 127.3655, 0.3413,


0.4283

 160.2340, 0.3396,
0.4206


 11.0953, 0.3515,
0.5591


 11.0953, 0.3515,
0.5591


 11.0956, 0.3515,
0.5591

 11.2643, 0.3539,
0.5449

 11.4526, 0.3553,
0.5286

 11.6693, 0.3546,
0.5080

 11.9163, 0.3519,
0.4842

 12.1956, 0.3475,
0.4581

■ 12.5087, 0.3417,
0.4310

■ 12.8571, 0.3350,
0.4039

■ 13.2423, 0.3278,
0.3775

■ 13.6656, 0.3202,
0.3524

Harmonies

Analogous

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



11.0953, 0.4538, 0.5027



11.0953, 0.3515, 0.5591



11.0953, 0.2455, 0.5159

Triad

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



11.0953, 0.3515, 0.5591



11.0953, 0.1267, 0.1825



11.0953, 0.4736, 0.2691

Complementary

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



11.0953, 0.3515, 0.5591



1.5564, 0.1928, 0.0836

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.



11.0953, 0.3484, 0.2090



11.0953, 0.3515, 0.5591



11.0953, 0.1609, 0.1609

Square

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



11.0953, 0.3515, 0.5591



11.0953, 0.1261, 0.2487



11.0953, 0.2339, 0.1712



11.0953, 0.5439, 0.3405

Rectangle

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



11.0953, 0.3515, 0.5591



11.0953, 0.1864, 0.4254



11.0953, 0.2339, 0.1712



11.0953, 0.4346, 0.2473

Sweetspot

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



11.0958, 0.3515, 0.5591



22.9631, 0.3356, 0.4062



4.7870, 0.5563, 0.3964



5.3335, 0.3377, 0.4144



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.0958, 0.3515, 0.5591



19.7951, 0.3497, 0.5605



10.1606, 0.3034, 0.5973



3.5234, 0.3195, 0.3500



14.0259, 0.3507, 0.5597



70.9495, 0.3471, 0.5626

Inverse Universe

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



1.5564, 0.1928, 0.0836



2.7178, 0.1900, 0.0820



3.5209, 0.3011, 0.1433



3.0814, 0.3055, 0.3079



1.9488, 0.1915, 0.0829



9.4422, 0.1859, 0.0798

Previews

White Background



This preview shows how the Yxy color 11.0953, 0.3515, 0.5591 looks on a white background.

Color Contrast Check

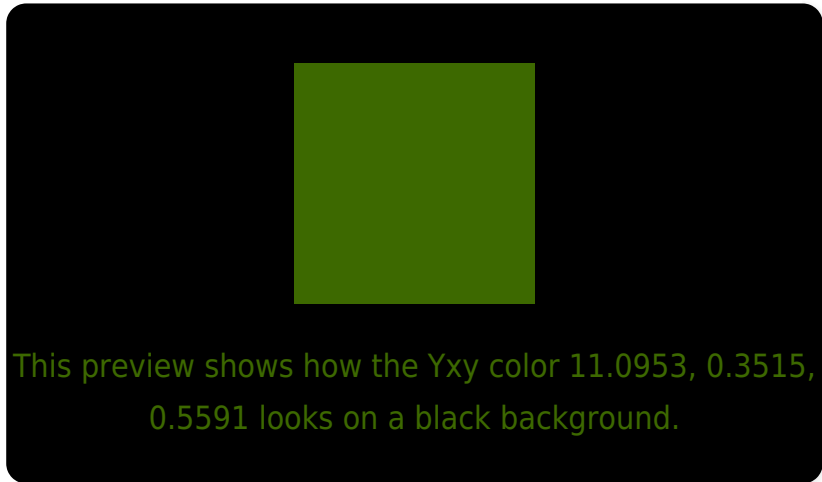
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 11.0953, 0.3515, 0.5591

Background



This preview shows how black text looks on a background with the Yxy color 11.0953, 0.3515, 0.5591.



This preview shows how white text looks on a background with the Yxy color 11.0953, 0.3515, 0.5591.

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

11.0953, 0.3515, 0.5591

Protanopia

11.0087, 0.4379, 0.4905

Deuteranopia

11.0505, 0.4566, 0.4514



Tritanopia

11.1718, 0.2696, 0.3116

Trichromacy



Original Color

11.0953, 0.3515, 0.5591

Protanomaly

10.8592, 0.4043, 0.5172

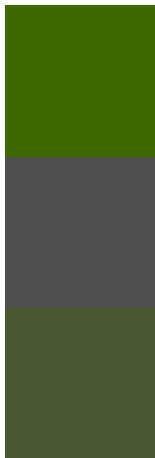
Deuteranomaly

10.7549, 0.4167, 0.4927

Tritanomaly

10.9778, 0.3112, 0.4206

Monochromacy



Original Color

11.0953, 0.3515, 0.5591

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.8002, 0.3427, 0.4360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0953, 0.3515, 0.5591 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(61, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 105, 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(61, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 105, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0953, 0.3515, 0.5591 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(61, 105, 0) }
```

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

```
.border{ border-color:rgb(61, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(61, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(61, 105, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0953, 0.3515, 0.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 105, 0) }
```

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

```
.background{ background-color: rgb(61, 105,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor