

Converting Colors

$Y_{xy}(10.9906, 0.3498, 0.5566)$

Have a look what the booklet for
Yxy(10.9906, 0.3498, 0.5566)
contains.

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Color

Yxy(11.0704, 0.3490, 0.5574)

Conversions

Conversions Part 1

Format	Color
Hex	3C6903
RGB	60, 105, 3
RGB Percent	24%, 41%, 1%
CMY	0.7647, 0.5882, 0.9880
CMYK	0.43, 0.00, 0.97, 0.59
HSL	86°, 94%, 21%
HSV	86°, 97%, 41%
XYZ	6.9314, 11.0704, 1.8590
YIQ	79.9170, 5.9220, -41.2620

Conversions

Conversions Part 2

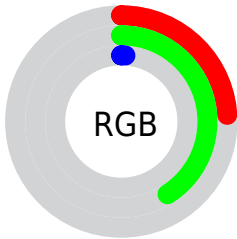
Format	Color
R_{YB}	3, 105, 48
Decimal	3959043
CIE _{Lab}	39.70, -31.18, 44.53
CIE _{LCh}	40, 54.366, 125.002
Yxy	11.0704, 0.3490, 0.5574
Android (android.graphics.Color)	4282149123 (0xFF3C6903)
YUV	79.9170, -37.9201, -17.4672
Hunter-Lab	33.2722, -21.0405, 19.9779

Details

The Yxy color **11.0704, 0.3490, 0.5574** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.7161, 0.2001, 0.0902**, and the grayscale version is **8.0806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8849, 0.3488, 0.4974**, and **2.9392, 0.3027, 0.5979** is the 20% darker color. If you saturate the color by 10%, you get **11.0228, 0.3483, 0.5617**, and if you desaturate by 10%, it is **11.2454, 0.3516, 0.5429**.

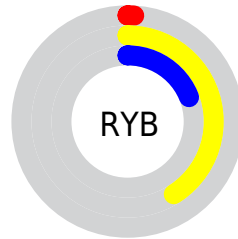
Distribution



Red (24%)

Green (41%)

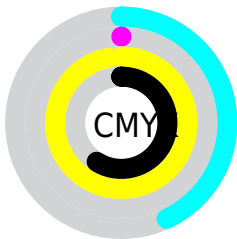
Blue (1%)



Red (1%)

Yellow (41%)

Blue (19%)

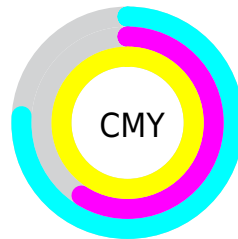


Cyan (43%)

Magenta (0%)

Yellow (97%)

Black (59%)



Cyan (76%)


Magenta (59%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0704, 0.3490, 0.5574 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 11.0704, 0.3490, 0.5574 by changing the saturation by 10% instead.


 11.0704, 0.3490,
0.5574


 11.0704, 0.3490,
0.5574


 198.1499, 0.3368,
0.4129


 6.1142, 0.3449,
0.6086

 27.7903, 0.3491,
0.4964


 2.9147, 0.3251,
0.6749


 40.3227, 0.3473,
0.4760

 1.0873, 0.1925,
0.8075

 56.1494, 0.3453,
0.4599

 0.0000, 0.0000,
0.0000


 75.6547, 0.3433,
0.4468


 99.2230, 0.3415,
0.4360


 127.2387, 0.3398,

0.4270


 160.0862, 0.3382,
0.4194

 11.0704, 0.3490,
0.5574


 11.0704, 0.3490,
0.5574

 11.0228, 0.3483,
0.5617

 11.2454, 0.3516,
0.5429

 11.4448, 0.3527,
0.5248

 11.6744, 0.3517,
0.5028

 11.9361, 0.3488,
0.4778

 12.2317, 0.3443,
0.4510

■ 12.5631, 0.3386,
0.4235

■ 12.9315, 0.3320,
0.3963

■ 13.3385, 0.3250,
0.3701

■ 13.7853, 0.3178,
0.3454

Harmonies

Analogous

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



11.0704, 0.4509, 0.5036



11.0704, 0.3490, 0.5574



11.0704, 0.2439, 0.5111

Triad

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



11.0704, 0.3490, 0.5574



11.0704, 0.1284, 0.1827



11.0704, 0.4748, 0.2714

Complementary

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



11.0704, 0.3490, 0.5574



1.7161, 0.2001, 0.0902

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.



11.0704, 0.3513, 0.2111



11.0704, 0.3490, 0.5574



11.0704, 0.1633, 0.1620

Square

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



11.0704, 0.3490, 0.5574



11.0704, 0.1270, 0.2472



11.0704, 0.2370, 0.1728



11.0704, 0.5425, 0.3426

Rectangle

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



11.0704, 0.3490, 0.5574



11.0704, 0.1857, 0.4207



11.0704, 0.2370, 0.1728



11.0704, 0.4366, 0.2495

Sweetspot

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



11.0709, 0.3490, 0.5574



22.9665, 0.3339, 0.4037



5.0617, 0.5437, 0.4007



5.3313, 0.3359, 0.4122



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.



11.0709, 0.3490, 0.5574



19.6649, 0.3465, 0.5631



10.1740, 0.3028, 0.5935



3.5203, 0.3192, 0.3500



13.9340, 0.3475, 0.5623



70.4790, 0.3438, 0.5652

Inverse Universe

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



1.7161, 0.2001, 0.0902



2.8118, 0.1938, 0.0841



3.6944, 0.3055, 0.1477



3.0844, 0.3058, 0.3079



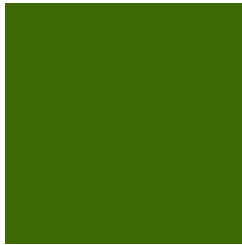
2.0158, 0.1954, 0.0850



9.7732, 0.1898, 0.0819

Previews

White Background



This preview shows how the Yxy color 11.0704, 0.3490, 0.5574 looks on a white background.

Color Contrast Check

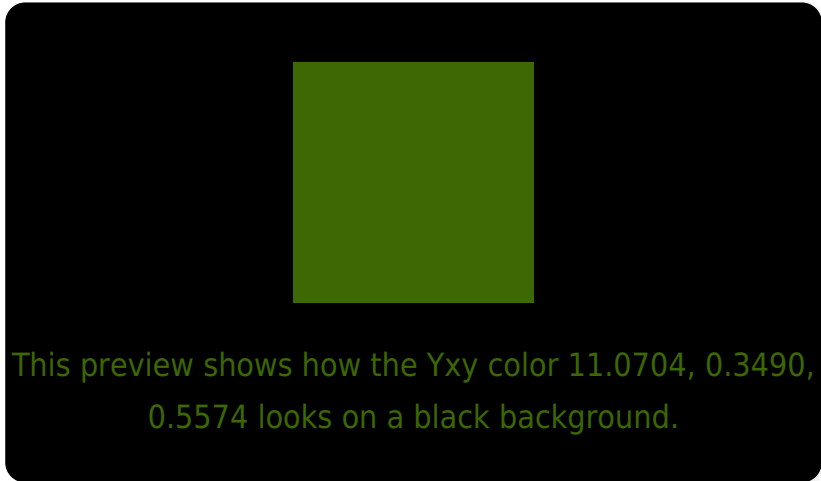
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0704, 0.3490, 0.5574

Background



This preview shows how black text looks on a background with the Yxy color 11.0704, 0.3490, 0.5574.



This preview shows how white text looks on a background with the Yxy color 11.0704, 0.3490, 0.5574.

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

11.0704, 0.3490, 0.5574

Protanopia

11.0087, 0.4379, 0.4905

Deuteranopia

10.9808, 0.4550, 0.4524



Tritanopia

11.1330, 0.2684, 0.3116

Trichromacy



Original Color

11.0704, 0.3490, 0.5574

Protanomaly

10.8614, 0.4038, 0.5164

Deuteranomaly

10.7029, 0.4144, 0.4931

Tritanomaly

10.9537, 0.3085, 0.4182

Monochromacy



Original Color

11.0704, 0.3490, 0.5574

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.8092, 0.3413, 0.4333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0704, 0.3490, 0.5574 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(60, 105, 3)` looks like.

```
.text, #text, p{  
    color:rgb(60, 105, 3)  
}
```

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(60, 105, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 105, 3) }
```

Border

The CSS property to change the border of an element to Yxy 11.0704, 0.3490, 0.5574 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(60, 105, 3) }
```

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

```
.border{ border-color:rgb(60, 105, 3) }
```

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

Here you see how a box with a 4 pixel rgb(60, 105, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 105, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 105, 3);  
box-shadow:4px 4px 4px 4px rgb(60, 105, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0704, 0.3490, 0.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 105, 3) }
```

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

```
.background{ background-color: rgb(60, 105,  
3) }
```

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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