

Converting Colors

$Y_{xy}(11.2667, 0.3378, 0.5700)$

Have a look what the booklet for
Yxy(11.2667, 0.3378, 0.5700)
contains.

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Color

Yxy(11.2455, 0.3381, 0.5697)

Conversions

Conversions Part 1

Format	Color
Hex	346B00
RGB	52, 107, 0
RGB Percent	20%, 42%, 0%
CMY	0.7961, 0.5804, 0.9998
CMYK	0.51, 0.00, 1.00, 0.58
HSL	91°, 100%, 21%
HSV	91°, 100%, 42%
XYZ	6.6739, 11.2455, 1.8200
YIQ	78.3570, 1.5670, -44.9370

Conversions

Conversions Part 2

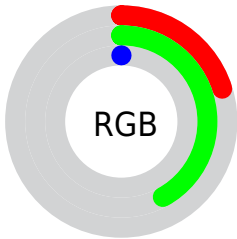
Format	Color
RYB	0, 107, 55
Decimal	3435264
CIELab	39.99, -35.06, 45.40
CIELCh	40, 57.364, 127.680
Yxy	11.2455, 0.3381, 0.5697
Android (android.graphics.Color)	4281625344 (0xFF346B00)
YUV	78.3570, -38.6300, -23.1151
Hunter-Lab	33.5343, -23.1607, 20.2562

Details

The Yxy color **11.2455, 0.3381, 0.5697** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.8763, 0.2100, 0.0931**, and the grayscale version is **7.7654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1153, 0.3414, 0.5048**, and **3.1279, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.2453, 0.3381, 0.5698**, and if you desaturate by 10%, it is **11.4241, 0.3414, 0.5546**.

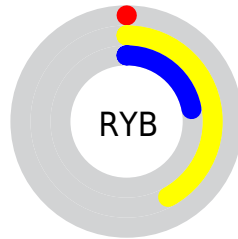
Distribution



Red (20%)

Green (42%)

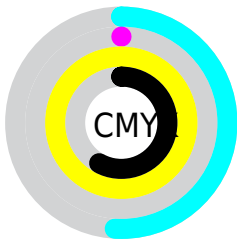
Blue (0%)



Red (0%)

Yellow (42%)

Blue (22%)

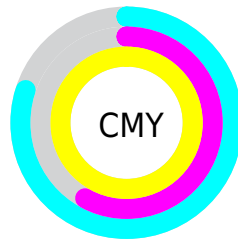


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (80%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2455, 0.3381, 0.5697 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 11.2455, 0.3381, 0.5697 by changing the saturation by 10% instead.


 11.2455, 0.3381,
0.5697


 11.2455, 0.3381,
0.5697


 199.3442, 0.3335,
0.4167

 6.2322, 0.3311,
0.6247

 28.1133, 0.3417,
0.5049


 2.9868, 0.3059,
0.6941


 40.7365, 0.3409,
0.4833

 1.1248, 0.1479,
0.8521

 56.6652, 0.3398,
0.4662


 0.0000, 0.0000,
0.0000


 76.2837, 0.3384,
0.4524


 99.9765, 0.3371,
0.4411


 128.1279, 0.3358,


0.4316


 161.1223, 0.3346,
0.4236

 11.2455, 0.3381,
0.5697


 11.2455, 0.3381,
0.5697


 11.2453, 0.3381,
0.5698

 11.4241, 0.3414,
0.5546

 11.6286, 0.3438,
0.5369

 11.8682, 0.3444,
0.5147

 12.1454, 0.3430,
0.4892

 12.4623, 0.3400,
0.4616

■ 12.8209, 0.3358,
0.4332

■ 13.2229, 0.3306,
0.4050

■ 13.6700, 0.3249,
0.3780

■ 14.1639, 0.3188,
0.3525

Harmonies

Analogous

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



11.2455, 0.4452, 0.5160



11.2455, 0.3381, 0.5697



11.2455, 0.2306, 0.5110

Triad

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



11.2455, 0.3381, 0.5697



11.2455, 0.1241, 0.1734



11.2455, 0.4922, 0.2746

Complementary

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



11.2455, 0.3381, 0.5697



1.8763, 0.2100, 0.0931

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.



11.2455, 0.3648, 0.2114



11.2455, 0.3381, 0.5697



11.2455, 0.1628, 0.1560

Square

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



11.2455, 0.3381, 0.5697



11.2455, 0.1192, 0.2344



11.2455, 0.2425, 0.1698



11.2455, 0.5544, 0.3478

Rectangle

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



11.2455, 0.3381, 0.5697



11.2455, 0.1732, 0.4109



11.2455, 0.2425, 0.1698



11.2455, 0.4536, 0.2519

Sweetspot

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



11.2460, 0.3381, 0.5697



23.6089, 0.3311, 0.4075



5.7203, 0.5335, 0.4145



5.6574, 0.3328, 0.4164



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.2460, 0.3381, 0.5697



20.0626, 0.3362, 0.5713



10.5163, 0.3000, 0.5999



3.5102, 0.3182, 0.3500



13.6617, 0.3374, 0.5703



69.0988, 0.3335, 0.5734

Inverse Universe

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



1.8763, 0.2100, 0.0931



3.2836, 0.2073, 0.0915



4.1885, 0.3209, 0.1542



3.0945, 0.3068, 0.3080



2.2623, 0.2090, 0.0925



11.0083, 0.2034, 0.0894

Previews

White Background



This preview shows how the Yxy color 11.2455, 0.3381, 0.5697 looks on a white background.

Color Contrast Check

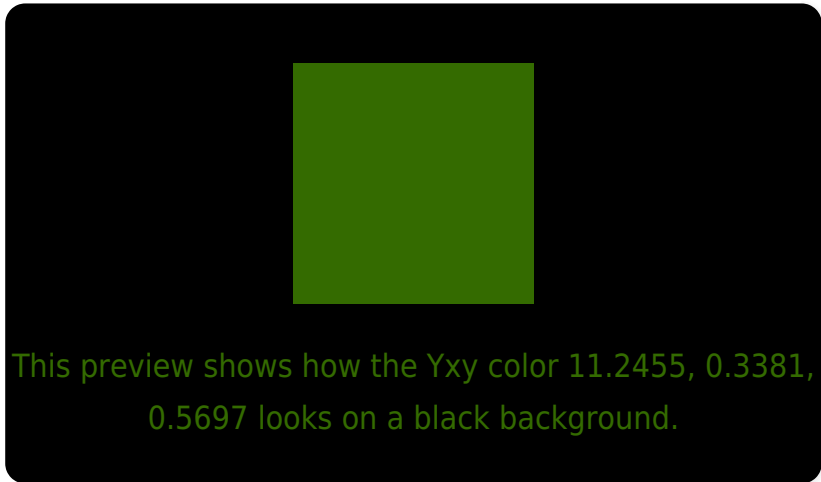
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2455, 0.3381, 0.5697

Background



This preview shows how black text looks on a background with the Yxy color 11.2455, 0.3381, 0.5697.



This preview shows how white text looks on a background with the Yxy color 11.2455, 0.3381, 0.5697.

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

11.2455, 0.3381, 0.5697

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0542, 0.4558, 0.4504



Tritanopia

11.1785, 0.2607, 0.3090

Trichromacy



Original Color

11.2455, 0.3381, 0.5697

Protanomaly

10.9021, 0.3977, 0.5224

Deuteranomaly

10.7771, 0.4095, 0.4970

Tritanomaly

10.9442, 0.3005, 0.4226

Monochromacy



Original Color

11.2455, 0.3381, 0.5697

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

8.6403, 0.3372, 0.4413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2455, 0.3381, 0.5697 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(52, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 107, 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(52, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 107, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.2455, 0.3381, 0.5697 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(52, 107, 0) }
```

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

```
.border{ border-color:rgb(52, 107, 0) }
```

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

Here you see how a box with a 4 pixel rgb(52, 107, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(52, 107, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2455, 0.3381, 0.5697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 107, 0) }
```

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

```
.background{ background-color: rgb(52, 107,  
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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