

Converting Colors

$Yxy(11.0946, 0.3488, 0.5755)$

Have a look what the booklet for
Yxy(11.0946, 0.3488, 0.5755)
contains.

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Color

Yxy(11.1488, 0.3439, 0.5651)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 386A00 |
| RGB | 56, 106, 0 |
| RGB Percent | 22%, 42%, 0% |
| CMY | 0.7804, 0.5843, 0.9998 |
| CMYK | 0.47, 0.00, 1.00, 0.58 |
| HSL | 88°, 100%, 21% |
| HSV | 88°, 100%, 42% |
| XYZ | 6.7848, 11.1488, 1.7953 |
| YIQ | 78.9660, 4.2260, -43.5660 |

Conversions

Conversions Part 2

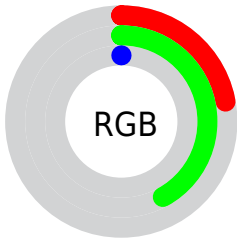
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 106, 50 |
| Decimal | 3697152 |
| CIELab | 39.83, -33.23, 45.35 |
| CIELCh | 40, 56.227, 126.233 |
| Yxy | 11.1488, 0.3439, 0.5651 |
| Android (android.graphics.Color) | 4281887232 (0xFF386A00) |
| YUV | 78.9660, -38.9302, -20.1412 |
| Hunter-Lab | 33.3898, -22.1612, 20.1849 |

Details

The Yxy color **11.1488, 0.3439, 0.5651** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.7209, 0.2020, 0.0887**, and the grayscale version is **7.8883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0207, 0.3458, 0.5015**, and **3.0261, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.1486, 0.3439, 0.5652**, and if you desaturate by 10%, it is **11.3239, 0.3469, 0.5503**.

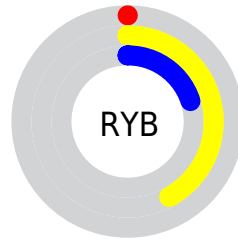
Distribution



Red (22%)

Green (42%)

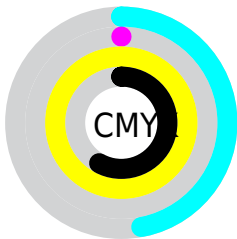
Blue (0%)



Red (0%)

Yellow (42%)

Blue (20%)

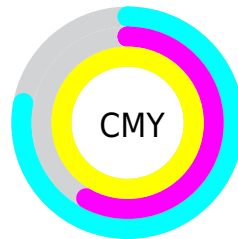


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (78%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1488, 0.3439, 0.5651 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 11.1488, 0.3439, 0.5651 by changing the saturation by 10% instead.


 11.1488, 0.3439,
0.5651


 11.1488, 0.3439,
0.5651


 198.6856, 0.3355,
0.4154


 6.1670, 0.3385,
0.6189

 27.9350, 0.3458,
0.5019


 2.9469, 0.3148,
0.6852


 40.5082, 0.3446,
0.4808

 1.1041, 0.1681,
0.8319

 56.3806, 0.3430,
0.4641


 0.0000, 0.0000,
0.0000


 75.9367, 0.3413,
0.4506

 99.5609, 0.3397,
0.4394


 127.6375, 0.3382,


0.4301


 160.5509, 0.3368,
0.4222


 11.1488, 0.3439,
0.5651


 11.1488, 0.3439,
0.5651


 11.1486, 0.3439,
0.5652

 11.3239, 0.3469,
0.5503

 11.5219, 0.3489,
0.5332

 11.7517, 0.3489,
0.5117

 12.0157, 0.3469,
0.4869

 12.3157, 0.3433,
0.4600

■ 12.6537, 0.3384,
0.4322

■ 13.0311, 0.3326,
0.4045

■ 13.4497, 0.3261,
0.3777

■ 13.9107, 0.3194,
0.3524

Harmonies

Analogous

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



11.1488, 0.4489, 0.5102



11.1488, 0.3439, 0.5651



11.1488, 0.2370, 0.5132

Triad

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



11.1488, 0.3439, 0.5651



11.1488, 0.1252, 0.1773



11.1488, 0.4842, 0.2723

Complementary

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



11.1488, 0.3439, 0.5651



1.7209, 0.2020, 0.0887

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.



11.1488, 0.3576, 0.2104



11.1488, 0.3439, 0.5651



11.1488, 0.1620, 0.1581

Square

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



11.1488, 0.3439, 0.5651



11.1488, 0.1221, 0.2405



11.1488, 0.2388, 0.1704



11.1488, 0.5500, 0.3447

Rectangle

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



11.1488, 0.3439, 0.5651



11.1488, 0.1788, 0.4172



11.1488, 0.2388, 0.1704



11.1488, 0.4454, 0.2499

Sweetspot

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



11.1493, 0.3439, 0.5651



22.8085, 0.3331, 0.4069



5.3022, 0.5426, 0.4073



5.2945, 0.3349, 0.4152



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.



11.1493, 0.3439, 0.5651



19.4962, 0.3421, 0.5666



10.3318, 0.3014, 0.5989



3.5160, 0.3188, 0.3500



13.8148, 0.3431, 0.5657



69.8717, 0.3393, 0.5688

Inverse Universe

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



1.7209, 0.2020, 0.0887



2.9497, 0.1993, 0.0872



3.8939, 0.3130, 0.1498



3.0886, 0.3063, 0.3080



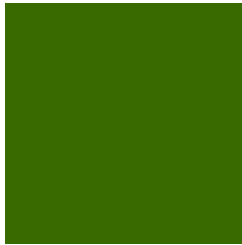
2.1139, 0.2009, 0.0880



10.2616, 0.1953, 0.0849

Previews

White Background



This preview shows how the Yxy color 11.1488, 0.3439, 0.5651 looks on a white background.

Color Contrast Check

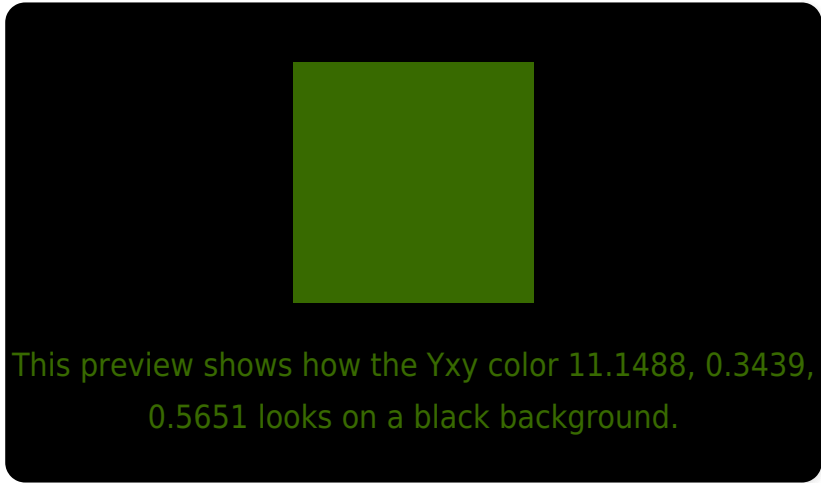
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1488, 0.3439, 0.5651

Background



This preview shows how black text looks on a background with the Yxy color 11.1488, 0.3439, 0.5651.



This preview shows how white text looks on a background with the Yxy color 11.1488, 0.3439, 0.5651.

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

11.1488, 0.3439, 0.5651

Protanopia

11.0696, 0.4396, 0.4892

Deuteranopia

11.0505, 0.4566, 0.4514



Tritanopia

11.2295, 0.2640, 0.3115

Trichromacy



Original Color

11.1488, 0.3439, 0.5651

Protanomaly

10.8101, 0.4026, 0.5186

Deuteranomaly

10.6464, 0.4133, 0.4952

Tritanomaly

10.9980, 0.3043, 0.4247

Monochromacy



Original Color

11.1488, 0.3439, 0.5651

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

8.7146, 0.3406, 0.4400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1488, 0.3439, 0.5651 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(56, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(56, 106, 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(56, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 106, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.1488, 0.3439, 0.5651 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(56, 106, 0) }
```

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

```
.border{ border-color:rgb(56, 106, 0) }
```

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

Here you see how a box with a 4 pixel rgb(56, 106, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(56, 106, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1488, 0.3439, 0.5651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 106, 0) }
```

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

```
.background{ background-color: rgb(56, 106,  
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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