

Converting Colors

$Y_{xy}(11.5936, 0.3469, 0.5628)$

Have a look what the booklet for
Yxy(11.5936, 0.3469, 0.5628)
contains.

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Color

Yxy(11.6549, 0.3463, 0.5632)

Conversions

Conversions Part 1

Format	Color
Hex	3B6C00
RGB	59, 108, 0
RGB Percent	23%, 42%, 0%
CMY	0.7686, 0.5765, 0.9999
CMYK	0.45, 0.00, 1.00, 0.58
HSL	87°, 100%, 21%
HSV	87°, 100%, 42%
XYZ	7.1664, 11.6549, 1.8728
YIQ	81.0370, 5.4640, -43.9760

Conversions

Conversions Part 2

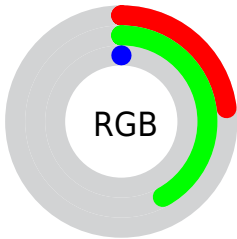
Format	Color
RYB	0, 108, 49
Decimal	3894272
CIELab	40.66, -33.00, 46.07
CIELCh	41, 56.669, 125.619
Yxy	11.6549, 0.3463, 0.5632
Android (android.graphics.Color)	4282084352 (0xFF3B6C00)
YUV	81.0370, -39.9512, -19.3264
Hunter-Lab	34.1393, -22.2738, 20.6450

Details

The Yxy color **11.6549, 0.3463, 0.5632** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1.7375, 0.1985, 0.0868**, and the grayscale version is **8.3169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9021, 0.3479, 0.5017**, and **3.2317, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **11.6548, 0.3463, 0.5632**, and if you desaturate by 10%, it is **11.8360, 0.3492, 0.5488**.

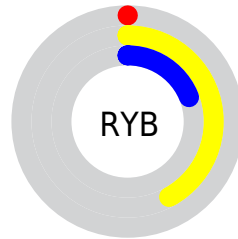
Distribution



Red (23%)

Green (42%)

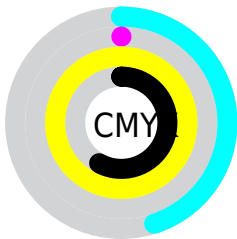
Blue (0%)



Red (0%)

Yellow (42%)

Blue (19%)

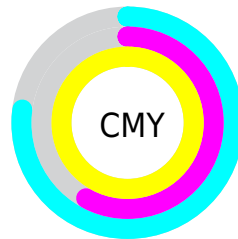


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (77%)


Magenta (58%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6549, 0.3463, 0.5632 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 11.6549, 0.3463, 0.5632 by changing the saturation by 10% instead.


 11.6549, 0.3463,
0.5632


 11.6549, 0.3463,
0.5632


 202.1071, 0.3365,
0.4158


 6.5092, 0.3410,
0.6142


 28.8650, 0.3476,
0.5014


 3.1571, 0.3200,
0.6800

 41.6981, 0.3461,
0.4807

 1.2143, 0.2066,
0.7934

 57.8625, 0.3444,
0.4641

 0.0733, 0.0000,
1.0000


 77.7426, 0.3426,
0.4507


 0.0000, 0.0000,
0.0000


 101.7226, 0.3409,
0.4397


 130.1871, 0.3393,

0.4304

 163.5205, 0.3379,
0.4226


 11.6549, 0.3463,
0.5632

 11.6549, 0.3463,
0.5632


 11.6548, 0.3463,
0.5632

 11.8360, 0.3492,
0.5488

 12.0401, 0.3510,
0.5320

 12.2764, 0.3508,
0.5109

 12.5472, 0.3487,
0.4864

 12.8545, 0.3448,
0.4597

■ 13.2001, 0.3396,
0.4320

■ 13.5858, 0.3335,
0.4045

■ 14.0131, 0.3267,
0.3777

■ 14.4835, 0.3197,
0.3525

Harmonies

Analogous

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



11.6549, 0.4505, 0.5078



11.6549, 0.3463, 0.5632



11.6549, 0.2397, 0.5141

Triad

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



11.6549, 0.3463, 0.5632



11.6549, 0.1257, 0.1789



11.6549, 0.4809, 0.2713

Complementary

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



11.6549, 0.3463, 0.5632



1.7375, 0.1985, 0.0868

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.



11.6549, 0.3547, 0.2100



11.6549, 0.3463, 0.5632



11.6549, 0.1617, 0.1590

Square

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



11.6549, 0.3463, 0.5632



11.6549, 0.1234, 0.2430



11.6549, 0.2372, 0.1707



11.6549, 0.5481, 0.3434

Rectangle

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



11.6549, 0.3463, 0.5632



11.6549, 0.1812, 0.4198



11.6549, 0.2372, 0.1707



11.6549, 0.4420, 0.2491

Sweetspot

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



11.6554, 0.3463, 0.5632



23.7905, 0.3340, 0.4068



5.3534, 0.5476, 0.4034



5.7048, 0.3360, 0.4155



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.



11.6554, 0.3463, 0.5632



20.3903, 0.3445, 0.5646



10.7607, 0.3020, 0.5984



3.5186, 0.3190, 0.3500



13.8847, 0.3457, 0.5637



70.2271, 0.3419, 0.5667

Inverse Universe

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



1.7375, 0.1985, 0.0868



2.9793, 0.1958, 0.0853



3.9437, 0.3090, 0.1476



3.0861, 0.3060, 0.3079



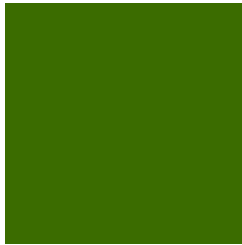
2.0548, 0.1976, 0.0862



9.9667, 0.1920, 0.0831

Previews

White Background



This preview shows how the Yxy color 11.6549, 0.3463, 0.5632 looks on a white background.

Color Contrast Check

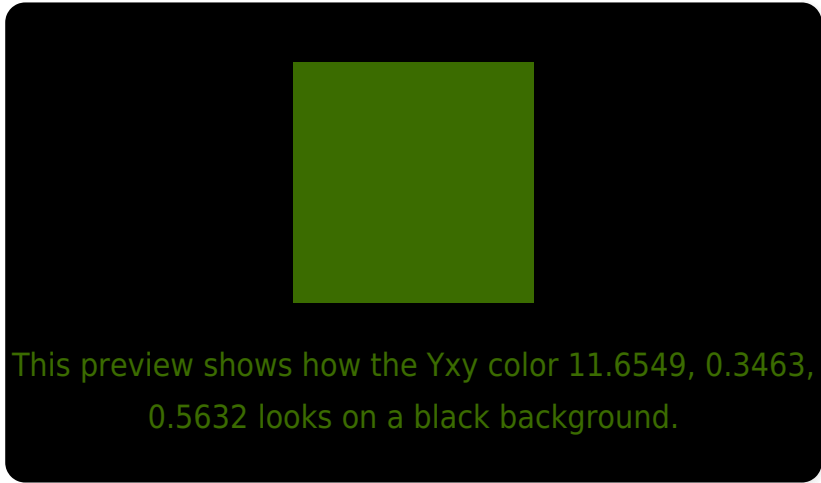
Large Text (above 18pt) WCAG AA ✓ Pass

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

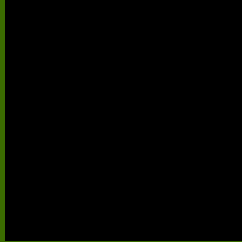
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6549, 0.3463, 0.5632

Background



This preview shows how black text looks on a background with the Yxy color 11.6549, 0.3463, 0.5632.



This preview shows how white text looks on a background with the Yxy color 11.6549, 0.3463, 0.5632.

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

11.6549, 0.3463, 0.5632

Protanopia

11.5539, 0.4392, 0.4895

Deuteranopia

11.5332, 0.4555, 0.4516



Tritanopia

11.5748, 0.2656, 0.3094

Trichromacy



Original Color

11.6549, 0.3463, 0.5632

Protanomaly

11.2880, 0.4029, 0.5183

Deuteranomaly

11.1778, 0.4147, 0.4936

Tritanomaly

11.3235, 0.3058, 0.4203

Monochromacy



Original Color

11.6549, 0.3463, 0.5632

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

9.1466, 0.3402, 0.4377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6549, 0.3463, 0.5632 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(59, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 108, 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(59, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 108, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6549, 0.3463, 0.5632 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(59, 108, 0) }
```

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

```
.border{ border-color:rgb(59, 108, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 108, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 108, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6549, 0.3463, 0.5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 108, 0) }
```

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

```
.background{ background-color: rgb(59, 108,  
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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