

Converting Colors

$Y_{xy}(11.5907, 0.3352, 0.5279)$

Have a look what the booklet for
Yxy(11.5907, 0.3352, 0.5279)
contains.

Yxy(11.5648, 0.3351, 0.5277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.5648, 0.3351, 0.5277)

Conversions

Conversions Part 1

Format	Color
Hex	3C6B1D
RGB	60, 107, 29
RGB Percent	24%, 42%, 11%
CMY	0.7646, 0.5804, 0.8863
CMYK	0.44, 0.00, 0.73, 0.58
HSL	96°, 57%, 27%
HSV	96°, 73%, 42%
XYZ	7.3439, 11.5648, 3.0068
YIQ	84.0550, -2.9740, -34.2220

Conversions

Conversions Part 2

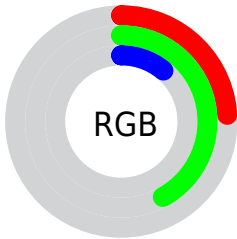
Format	Color
R_{YB}	29, 107, 76
Decimal	3959581
CIE _{Lab}	40.52, -30.64, 36.99
CIE _{LCh}	41, 48.033, 129.639
Yxy	11.5648, 0.3351, 0.5277
Android (android.graphics.Color)	4282149661 (0xFF3C6B1D)
YUV	84.0550, -27.1421, -21.0962
Hunter-Lab	34.0071, -20.9650, 18.5627

Details

The Yxy color **11.5648, 0.3351, 0.5277** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3.4750, 0.2550, 0.1460**, and the grayscale version is **8.9364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7258, 0.3347, 0.4730**, and **3.1731, 0.3087, 0.5931** is the 20% darker color. If you saturate the color by 10%, you get **11.3326, 0.3332, 0.5498**, and if you desaturate by 10%, it is **11.8409, 0.3353, 0.5017**.

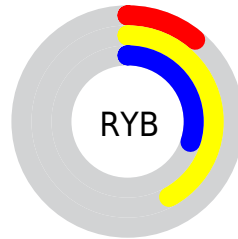
Distribution



Red (24%)

Green (42%)

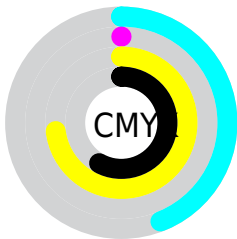
Blue (11%)



Red (11%)

Yellow (42%)

Blue (30%)

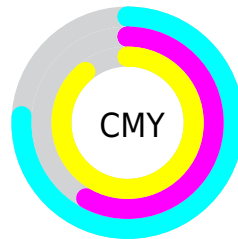


Cyan (44%)

Magenta (0%)

Yellow (73%)

Black (58%)



Cyan (76%)


Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5648, 0.3351, 0.5277 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 11.5648, 0.3351, 0.5277 by changing the saturation by 10% instead.


 11.5648, 0.3351,
0.5277


 11.5648, 0.3351,
0.5277


201.5025, 0.3280,
0.4007


 6.4481, 0.3306,
0.5720


 28.7000, 0.3354,
0.4728


 3.1194, 0.3317,
0.6683

 41.4872, 0.3343,
0.4550

 1.1944, 0.2308,
0.7692

 57.6000, 0.3332,
0.4410

 0.0571, 0.0000,
1.0000


 77.4229, 0.3320,
0.4297


 0.0000, 0.0000,
0.0000


 101.3402, 0.3309,
0.4205


 129.7363, 0.3298,


0.4128


 162.9956, 0.3289,
0.4063


 11.5648, 0.3351,
0.5277


 11.5648, 0.3351,
0.5277


 11.3326, 0.3332,
0.5498


 11.8409, 0.3353,
0.5017


 11.1395, 0.3298,
0.5671

 12.1619, 0.3339,
0.4732

 11.0195, 0.3273,
0.5783

 12.5306, 0.3313,
0.4437

 12.9492, 0.3277,
0.4145

 13.4197, 0.3235,
0.3863

■ 13.9438, 0.3189,
0.3600

■ 14.5235, 0.3141,
0.3357

■ 15.1603, 0.3093,
0.3135

■ 15.8559, 0.3046,
0.2936

Harmonies

Analogous

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



11.5648, 0.4281, 0.4982



11.5648, 0.3351, 0.5277



11.5648, 0.2412, 0.4686

Triad

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



11.5648, 0.3351, 0.5277



11.5648, 0.1485, 0.1934



11.5648, 0.4680, 0.2890

Complementary

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



11.5648, 0.3351, 0.5277



3.4750, 0.2550, 0.1460

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.



11.5648, 0.3650, 0.2309



11.5648, 0.3351, 0.5277



11.5648, 0.1864, 0.1779

Square

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



11.5648, 0.3351, 0.5277



11.5648, 0.1431, 0.2467



11.5648, 0.2600, 0.1917



11.5648, 0.5181, 0.3567

Rectangle

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



11.5648, 0.3351, 0.5277



11.5648, 0.1913, 0.3890



11.5648, 0.2600, 0.1917



11.5648, 0.4372, 0.2681

Sweetspot

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



11.5653, 0.3351, 0.5277



24.0554, 0.3234, 0.3856



8.3552, 0.4537, 0.4281



5.7806, 0.3242, 0.3909



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.



11.5653, 0.3351, 0.5277



20.0590, 0.3311, 0.5616



10.9086, 0.2970, 0.5316



3.4981, 0.3170, 0.3501



13.3889, 0.3266, 0.5789



67.7463, 0.3227, 0.5820

Inverse Universe

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



3.4750, 0.2550, 0.1460



4.6015, 0.2383, 0.1172



4.9087, 0.3369, 0.1887



3.1068, 0.3081, 0.3081



2.6174, 0.2271, 0.1025



12.8221, 0.2221, 0.0997

Previews

White Background



This preview shows how the Yxy color 11.5648, 0.3351, 0.5277 looks on a white background.

Color Contrast Check

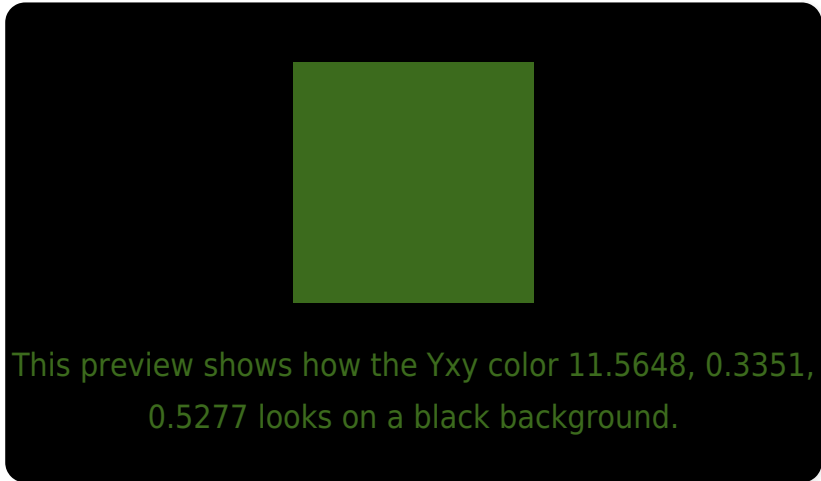
Large Text (above 18pt) WCAG AA ✓ Pass

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

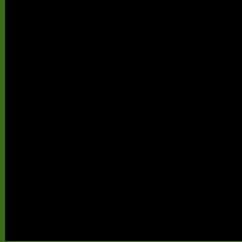
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5648, 0.3351, 0.5277

Background



This preview shows how black text looks on a background with the Yxy color 11.5648, 0.3351, 0.5277.



This preview shows how white text looks on a background with the Yxy color 11.5648, 0.3351, 0.5277.

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

11.5648, 0.3351, 0.5277

Protanopia

11.3848, 0.4246, 0.4674

Deuteranopia

11.3556, 0.4433, 0.4352



Tritanopia

11.5748, 0.2656, 0.3094

Trichromacy



Original Color

11.5648, 0.3351, 0.5277

Protanomaly

11.1765, 0.3897, 0.4906

Deuteranomaly

11.0722, 0.4016, 0.4683

Tritanomaly

11.4940, 0.2951, 0.3923

Monochromacy



Original Color

11.5648, 0.3351, 0.5277

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.5203, 0.3263, 0.4058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5648, 0.3351, 0.5277 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, 107, 29)` looks like.

```
.text, #text, p{  
    color:rgb(60, 107, 29)  
}
```

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, 107, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 107, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.5648, 0.3351, 0.5277 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, 107, 29) }
```

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

```
.border{ border-color:rgb(60, 107, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 107, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 107, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 107, 29);  
box-shadow:4px 4px 4px 4px rgb(60, 107,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5648, 0.3351, 0.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 107, 29) }
```

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

```
.background{ background-color: rgb(60, 107,  
29) }
```

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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