

Converting Colors

$Y_{xy}(11.8146, 0.3605, 0.4282)$

Have a look what the booklet for
Yxy(11.8146, 0.3605, 0.4282)
contains.

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Color

Yxy(11.8098, 0.3601, 0.4269)

Conversions

Conversions Part 1

Format	Color
Hex	5E643B
RGB	94, 100, 59
RGB Percent	37%, 39%, 23%
CMY	0.6314, 0.6078, 0.7686
CMYK	0.06, 0.00, 0.41, 0.61
HSL	69°, 26%, 31%
HSV	69°, 41%, 39%
XYZ	9.9618, 11.8098, 5.8925
YIQ	93.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

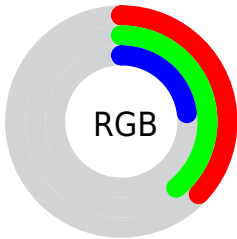
Format	Color
R_{YB}	59, 100, 65
Decimal	6186043
CIE _{Lab}	40.91, -9.57, 22.47
CIE _{LCh}	41, 24.427, 113.063
Yxy	11.8098, 0.3601, 0.4269
Android (android.graphics.Color)	4284376123 (0xFF5E643B)
YUV	93.5320, -17.0243, 0.4104
Hunter-Lab	34.3654, -8.3959, 13.8896

Details

The Yxy color **11.8098, 0.3601, 0.4269** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.1730, 0.2524, 0.2159**, and the grayscale version is **11.1164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2145, 0.3488, 0.4012**, and **3.1850, 0.3807, 0.4790** is the 20% darker color. If you saturate the color by 10%, you get **11.6395, 0.3703, 0.4500**, and if you desaturate by 10%, it is **12.0026, 0.3489, 0.4028**.

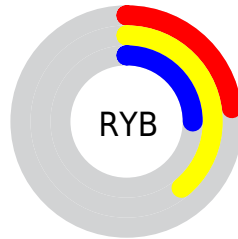
Distribution



Red (37%)

Green (39%)

Blue (23%)



Red (23%)

Yellow (39%)

Blue (25%)

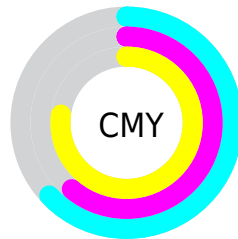


Cyan (6%)

Magenta (0%)

Yellow (41%)

Black (61%)



Cyan (63%)


Magenta (61%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8098, 0.3601, 0.4269 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 11.8098, 0.3601, 0.4269 by changing the saturation by 10% instead.


 11.8098, 0.3601,
0.4269


 11.8098, 0.3601,
0.4269


203.1420, 0.3324,
0.3660


 6.6143, 0.3682,
0.4481


 29.1482, 0.3490,
0.4009

 3.2221, 0.3787,
0.4799

 42.0599, 0.3451,
0.3924

 1.2487, 0.4233,
0.5767

 58.3125, 0.3420,
0.3857

 0.1010, 0.0000,
1.0000

 78.2903, 0.3394,
0.3803

 0.0000, 0.0000,
0.0000

 102.3778, 0.3372,
0.3758

 130.9593, 0.3354,

0.3720

164.4192, 0.3338,
0.3688

■ 11.8098, 0.3601,
0.4269

■ 11.8098, 0.3601,
0.4269

■ 11.6395, 0.3703,
0.4500

■ 12.0026, 0.3489,
0.4028

■ 11.4888, 0.3791,
0.4712

■ 12.2172, 0.3373,
0.3784

■ 11.3571, 0.3861,
0.4896

■ 12.4553, 0.3255,
0.3544

■ 11.2429, 0.3910,
0.5046

■ 12.7177, 0.3139,
0.3312

■ 11.1446, 0.3935,
0.5157

■ 13.0053, 0.3026,
0.3094

■ 11.0622, 0.3951,
0.5245

■ 13.3190, 0.2920,
0.2890

■ 13.6594, 0.2820,
0.2701

■ 14.0274, 0.2726,
0.2528

■ 14.4237, 0.2640,
0.2370

Harmonies

Analogous

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



11.8098, 0.4021, 0.4082



11.8098, 0.3601, 0.4269



11.8098, 0.3074, 0.4148

Triad

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



11.8098, 0.3601, 0.4269



11.8098, 0.2154, 0.2727



11.8098, 0.3654, 0.2898

Complementary

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



11.8098, 0.3601, 0.4269



5.1730, 0.2524, 0.2159

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.



11.8098, 0.3106, 0.2597



11.8098, 0.3601, 0.4269



11.8098, 0.2275, 0.2482

Square

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



11.8098, 0.3601, 0.4269



11.8098, 0.2260, 0.3173



11.8098, 0.2608, 0.2446



11.8098, 0.4071, 0.3293

Rectangle

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



11.8098, 0.3601, 0.4269



11.8098, 0.2736, 0.3887



11.8098, 0.2608, 0.2446



11.8098, 0.3476, 0.2784

Sweetspot

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



11.8103, 0.3601, 0.4269



21.7742, 0.3271, 0.3576



6.7455, 0.4018, 0.3429



5.3489, 0.3280, 0.3595



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.8103, 0.3601, 0.4269



20.4189, 0.3698, 0.4487



10.8886, 0.3287, 0.4378



3.2486, 0.3231, 0.3495



14.7961, 0.3947, 0.5248



76.8750, 0.3932, 0.5260

Inverse Universe

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



5.1730, 0.2524, 0.2159



7.0710, 0.2353, 0.1858



5.9785, 0.2882, 0.2265



2.7812, 0.3019, 0.3079



1.3498, 0.1584, 0.0646



6.7929, 0.1551, 0.0628

Previews

White Background



This preview shows how the Yxy color 11.8098, 0.3601, 0.4269 looks on a white background.

Color Contrast Check

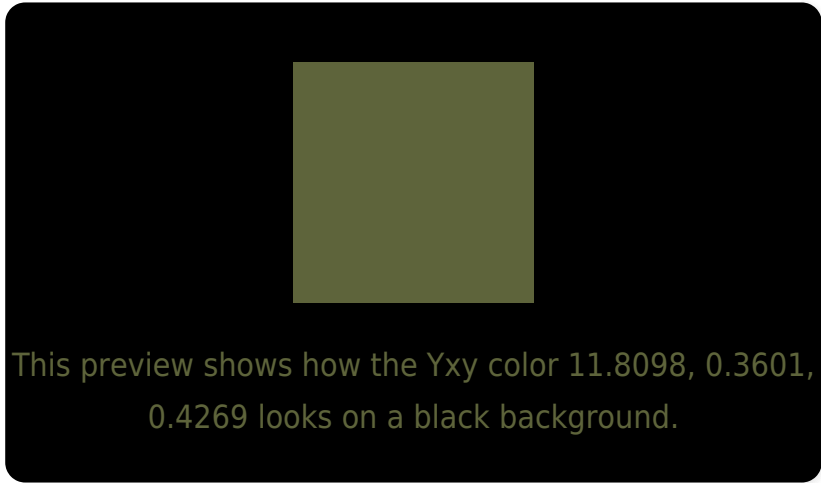
Large Text (above 18pt) WCAG AA ✓ Pass

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

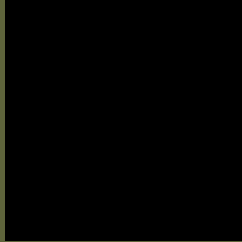
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8098, 0.3601, 0.4269

Background



This preview shows how black text looks on a background with the Yxy color 11.8098, 0.3601, 0.4269.



This preview shows how white text looks on a background with the Yxy color 11.8098, 0.3601, 0.4269.

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

11.8098, 0.3601, 0.4269

Protanopia

11.6745, 0.3829, 0.4149

Deuteranopia

11.7042, 0.4007, 0.3951



Tritanopia

11.7964, 0.3089, 0.3132

Trichromacy



Original Color

11.8098, 0.3601, 0.4269

Protanomaly

11.6216, 0.3753, 0.4192

Deuteranomaly

11.6988, 0.3860, 0.4071

Tritanomaly

11.7627, 0.3284, 0.3549

Monochromacy



Original Color

11.8098, 0.3601, 0.4269

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.3395, 0.3312, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8098, 0.3601, 0.4269 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(94, 100, 59) looks like.

```
.text, #text, p{  
    color:rgb(94, 100, 59)  
}
```

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(94, 100, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 100, 59) }
```

Border

The CSS property to change the border of an element to Yxy 11.8098, 0.3601, 0.4269 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(94, 100, 59) }
```

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

```
.border{ border-color:rgb(94, 100, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 100, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 100, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 100, 59);  
box-shadow:4px 4px 4px 4px rgb(94, 100,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8098, 0.3601, 0.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 100, 59) }
```

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

```
.background{ background-color: rgb(94, 100,  
59) }
```

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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