

Converting Colors

$Y_{xy}(11.2362, 0.3078, 0.4550)$

Have a look what the booklet for
Yxy(11.2362, 0.3078, 0.4550)
contains.

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Color

$Y_{xy}(11.1462, 0.3069, 0.4534)$

Conversions

Conversions Part 1	
Format	Color
Hex	3B683B
RGB	59, 104, 59
RGB Percent	23%, 41%, 23%
CMY	0.7685, 0.5922, 0.7686
CMYK	0.43, 0.00, 0.43, 0.59
HSL	120°, 28%, 32%
HSV	120°, 43%, 41%
XYZ	7.5447, 11.1462, 5.8927
YIQ	85.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

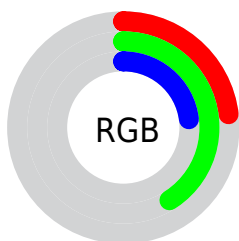
Format	Color
RYB	59, 104, 104
Decimal	3893307
CIELab	39.83, -25.74, 20.60
CIELCh	40, 32.971, 141.333
Yxy	11.1462, 0.3069, 0.4534
Android (android.graphics.Color)	4282083387 (0xFF3B683B)
YUV	85.4150, -13.0226, -23.1660
Hunter-Lab	33.3859, -18.0871, 12.9053

Details

The Yxy color **11.1462, 0.3069, 0.4534** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.0704, 0.3173, 0.2297**, and the grayscale version is **9.2075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0897, 0.3104, 0.4182**, and **2.9145, 0.2939, 0.5352** is the 20% darker color. If you saturate the color by 10%, you get **10.7625, 0.3053, 0.4872**, and if you desaturate by 10%, it is **11.6157, 0.3084, 0.4204**.

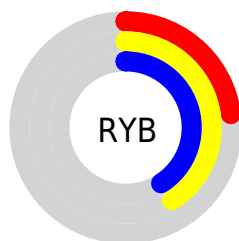
Distribution



Red (23%)

Green (41%)

Blue (23%)



Red (23%)

Yellow (41%)

Blue (41%)

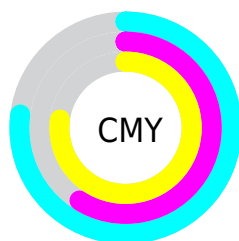


Cyan (43%)

Magenta (0%)

Yellow (43%)

Black (59%)



Cyan (77%)


Magenta (59%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1462, 0.3069, 0.4534 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 11.1462, 0.3069, 0.4534 by changing the saturation by 10% instead.


 11.1462, 0.3069,
0.4534


 11.1462, 0.3069,
0.4534


 198.6678, 0.3127,
0.3730


 6.1653, 0.3027,
0.4842

 27.9302, 0.3104,
0.4177

 2.9458, 0.2937,
0.5341


 40.5020, 0.3112,
0.4065

 1.1035, 0.2687,
0.7313

 56.3730, 0.3117,
0.3978

 0.0000, 0.0000,
0.0000

 75.9274, 0.3121,
0.3908

 99.5497, 0.3123,
0.3852

 127.6243, 0.3125,


0.3804


160.5355, 0.3126,
0.3764


 11.1462, 0.3069,
0.4534


 11.1462, 0.3069,
0.4534


 10.7625, 0.3053,
0.4872


 11.6157, 0.3084,
0.4204

 10.4580, 0.3038,
0.5198


 12.1741, 0.3099,
0.3896


 10.2277, 0.3024,
0.5492


 12.8264, 0.3112,
0.3615


 10.0652, 0.3013,
0.5729

 13.5764, 0.3124,
0.3365


 9.9610, 0.3005,
0.5896


 14.4280, 0.3134,
0.3145

 9.9004, 0.3000,
0.6000

 15.3848, 0.3143,
0.2954

 16.4502, 0.3151,
0.2788

 17.6275, 0.3157,
0.2646

 18.9197, 0.3163,
0.2522

Harmonies

Analogous

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



11.1462, 0.3776, 0.4632



11.1462, 0.3069, 0.4534



11.1462, 0.2415, 0.3932

Triad

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



11.1462, 0.3069, 0.4534



11.1462, 0.1982, 0.2220



11.1462, 0.4406, 0.3233

Complementary

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



11.1462, 0.3069, 0.4534



7.0704, 0.3173, 0.2297

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.



11.1462, 0.3804, 0.2734



11.1462, 0.3069, 0.4534



11.1462, 0.2391, 0.2174

Square

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



11.1462, 0.3069, 0.4534



11.1462, 0.1843, 0.2536



11.1462, 0.3043, 0.2360



11.1462, 0.4599, 0.3782

Rectangle

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



11.1462, 0.3069, 0.4534



11.1462, 0.2097, 0.3401



11.1462, 0.3043, 0.2360



11.1462, 0.4242, 0.3057

Sweetspot

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



11.1467, 0.3069, 0.4534



22.4906, 0.3112, 0.3618



13.0087, 0.3737, 0.4275



5.4363, 0.3110, 0.3664



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.



11.1467, 0.3069, 0.4534



18.8703, 0.3053, 0.4879



11.4207, 0.2823, 0.3917



3.1427, 0.3117, 0.3502



12.2048, 0.3000, 0.6000



63.6538, 0.3000, 0.6000

Inverse Universe

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



7.0704, 0.3173, 0.2297



10.6806, 0.3183, 0.2089



6.6850, 0.3616, 0.2745



2.8890, 0.3137, 0.3087



4.8571, 0.3208, 0.1541



25.3318, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 11.1462, 0.3069, 0.4534 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



This preview shows how the Yxy color 11.1462, 0.3069, 0.4534 looks on a 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 11.1462, 0.3069, 0.4534

Background



This preview shows how black text looks on a background with the Yxy color 11.1462, 0.3069, 0.4534.



This preview shows how white text looks on a background with the Yxy color 11.1462, 0.3069, 0.4534.

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

11.1462, 0.3069, 0.4534

Protanopia

10.9293, 0.3848, 0.4171

Deuteranopia





10.9373, 0.3953, 0.3886




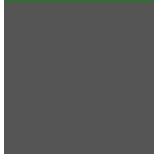

Tritanopia

11.2295, 0.2640, 0.3115

Trichromacy

	Original Color 11.1462, 0.3069, 0.4534
	Protanomaly 10.8133, 0.3530, 0.4325
	Deuteranomaly 10.6695, 0.3598, 0.4102
	Tritanomaly 11.1524, 0.2792, 0.3605

Monochromacy

	Original Color 11.1462, 0.3069, 0.4534
	Achromatopsia 9.0842, 0.3127, 0.3290
	Achromatomaly 9.7126, 0.3107, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1462, 0.3069, 0.4534 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, 104, 59) looks like.

```
.text, #text, p{  
    color:rgb(59, 104, 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(59, 104, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 104, 59) }
```

Border

The CSS property to change the border of an element to Yxy 11.1462, 0.3069, 0.4534 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, 104, 59) }
```

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

```
.border{ border-color:rgb(59, 104, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 104, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 104, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 104, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 104,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1462, 0.3069, 0.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 104, 59) }
```

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

```
.background{ background-color: rgb(59, 104,  
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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