

Converting Colors

$Yxy(26.5648, 0.3376, 0.5304)$

Have a look what the booklet for
Yxy(26.5648, 0.3376, 0.5304)
contains.

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Color

Yxy(26.5711, 0.3377, 0.5302)

Conversions

Conversions Part 1

Format	Color
Hex	5C9D2C
RGB	92, 157, 44
RGB Percent	36%, 62%, 17%
CMY	0.6393, 0.3843, 0.8274
CMYK	0.41, 0.00, 0.72, 0.38
HSL	95°, 56%, 39%
HSV	95°, 72%, 62%
XYZ	16.9239, 26.5711, 6.6202
YIQ	124.6830, -2.4670, -48.9230

Conversions

Conversions Part 2

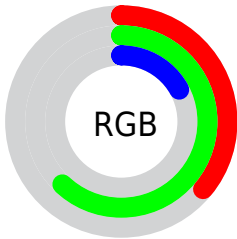
Format	Color
RYB	44, 157, 109
Decimal	6069548
CIELab	58.58, -40.15, 49.93
CIElCh	59, 64.075, 128.804
Yxy	26.5711, 0.3377, 0.5302
Android (android.graphics.Color)	4284259628 (0xFF5C9D2C)
YUV	124.6830, -39.7767, -28.6630
Hunter-Lab	51.5472, -31.6026, 28.4684

Details

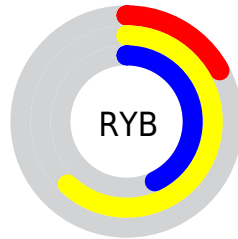
The Yxy color **26.5711, 0.3377, 0.5302** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.4901, 0.2489, 0.1402**, and the grayscale version is **20.5323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1531, 0.3379, 0.4850**, and **10.4605, 0.3205, 0.5837** is the 20% darker color. If you saturate the color by 10%, you get **26.0379, 0.3356, 0.5519**, and if you desaturate by 10%, it is **27.2068, 0.3379, 0.5041**.

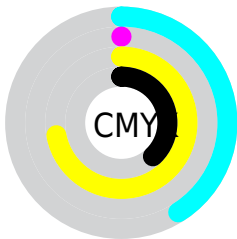
Distribution



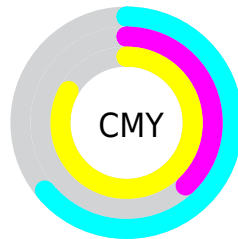
- Red (36%)
- Green (62%)
- Blue (17%)



- Red (17%)
- Yellow (62%)
- Blue (43%)



- Cyan (41%)
- Magenta (0%)
- Yellow (72%)
- Black (38%)





- Cyan (64%)
- Magenta (38%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5711, 0.3377, 0.5302 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 26.5711, 0.3377, 0.5302 by changing the saturation by 10% instead.


 26.5711, 0.3377,
0.5302


 26.5711, 0.3377,
0.5302


285.5744, 0.3315,
0.4154


 17.2514, 0.3349,
0.5623


 54.1948, 0.3380,
0.4854

 10.4139, 0.3276,
0.6043


 73.2677, 0.3373,
0.4695


 5.6742, 0.3199,
0.6801


 96.3603, 0.3363,
0.4564

 2.6480, 0.2704,
0.7296

 123.8571, 0.3353,
0.4454

 0.9509, 0.0000,
1.0000

 156.1425, 0.3343,
0.4362

 0.0000, 0.0000,
0.0000

 193.6010, 0.3333,

0.4282

236.6168, 0.3324,
0.4214

■ 26.5711, 0.3377,
0.5302

■ 26.5711, 0.3377,
0.5302

■ 26.0379, 0.3356,
0.5519

■ 27.2068, 0.3379,
0.5041

■ 25.5964, 0.3317,
0.5680

■ 27.9479, 0.3363,
0.4752

■ 25.2971, 0.3278,
0.5779

■ 28.8013, 0.3333,
0.4450

■ 29.7722, 0.3292,
0.4149

■ 30.8655, 0.3244,
0.3859

■ 32.0857, 0.3192,
0.3587

■ 33.4373, 0.3138,
0.3337

■ 34.9241, 0.3084,
0.3109

■ 36.5503, 0.3032,
0.2905

Harmonies

Analogous

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



26.5711, 0.4312, 0.4979



26.5711, 0.3377, 0.5302



26.5711, 0.2428, 0.4733

Triad

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



26.5711, 0.3377, 0.5302



26.5711, 0.1466, 0.1930



26.5711, 0.4673, 0.2867

Complementary

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



26.5711, 0.3377, 0.5302



7.4901, 0.2489, 0.1402

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.



26.5711, 0.3623, 0.2286



26.5711, 0.3377, 0.5302



26.5711, 0.1838, 0.1767

Square

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



26.5711, 0.3377, 0.5302



26.5711, 0.1420, 0.2479



26.5711, 0.2569, 0.1899



26.5711, 0.5198, 0.3546

Rectangle

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



26.5711, 0.3377, 0.5302



26.5711, 0.1919, 0.3932



26.5711, 0.2569, 0.1899



26.5711, 0.4357, 0.2658

Sweetspot

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



26.5722, 0.3377, 0.5302



55.1786, 0.3246, 0.3872



18.0844, 0.4626, 0.4241



12.0310, 0.3259, 0.3943



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.5722, 0.3377, 0.5302



46.1582, 0.3336, 0.5618



24.8955, 0.2987, 0.5426



7.5318, 0.3177, 0.3517



20.5651, 0.3284, 0.5775



0.3921, 0.3608, 0.5517

Inverse Universe

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



7.4901, 0.2489, 0.1402



9.9248, 0.2316, 0.1123



11.1559, 0.3315, 0.1825



6.6142, 0.3073, 0.3065



3.7789, 0.2197, 0.0984



0.0922, 0.2609, 0.1211

Previews

White Background



This preview shows how the Yxy color 26.5711, 0.3377, 0.5302 looks on a white 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

Black Background



This preview shows how the Yxy color 26.5711, 0.3377, 0.5302 looks on a black 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

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

Yxy 26.5711, 0.3377, 0.5302

Background



This preview shows how black text looks on a background with the Yxy color 26.5711, 0.3377, 0.5302.



This preview shows how white text looks on a background with the Yxy color 26.5711, 0.3377, 0.5302.

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

26.5711, 0.3377, 0.5302

Protanopia

26.0775, 0.4261, 0.4696

Deuteranopia

26.1461, 0.4462, 0.4368



Tritanopia

26.5873, 0.2671, 0.3100

Trichromacy



Original Color

26.5711, 0.3377, 0.5302

Protanomaly

25.7044, 0.3911, 0.4939

Deuteranomaly

25.5960, 0.4036, 0.4712

Tritanomaly

26.3011, 0.2964, 0.3924

Monochromacy



Original Color

26.5711, 0.3377, 0.5302

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.2466, 0.3276, 0.4080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5711, 0.3377, 0.5302 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(92, 157, 44)` looks like.

```
.text, #text, p{  
    color:rgb(92, 157, 44)  
}
```

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(92, 157, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 157, 44) }
```

Border

The CSS property to change the border of an element to Yxy 26.5711, 0.3377, 0.5302 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(92, 157, 44) }
```

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

```
.border{ border-color:rgb(92, 157, 44) }
```

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

Here you see how a box with a 4 pixel rgb(92, 157, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 157, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 157, 44);  
box-shadow:4px 4px 4px 4px rgb(92, 157,  
44) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5711, 0.3377, 0.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 157, 44) }
```

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

```
.background{ background-color: rgb(92, 157,  
44) }
```

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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