

Converting Colors

$Yxy(26.7454, 0.3334, 0.5304)$

Have a look what the booklet for
Yxy(26.7454, 0.3334, 0.5304)
contains.

Yxy(26.7748, 0.3336, 0.5304)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7748, 0.3336, 0.5304)

Conversions

Conversions Part 1

Format	Color
Hex	599E2E
RGB	89, 158, 46
RGB Percent	35%, 62%, 18%
CMY	0.6510, 0.3804, 0.8196
CMYK	0.44, 0.00, 0.71, 0.38
HSL	97°, 55%, 40%
HSV	97°, 71%, 62%
XYZ	16.8403, 26.7748, 6.8653
YIQ	124.6010, -5.1720, -49.4600

Conversions

Conversions Part 2

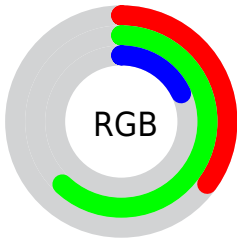
Format	Color
RYB	46, 158, 115
Decimal	5873198
CIELab	58.77, -41.44, 49.30
CIElCh	59, 64.403, 130.045
Yxy	26.7748, 0.3336, 0.5304
Android (android.graphics.Color)	4284063278 (0xFF599E2E)
YUV	124.6010, -38.7503, -31.2221
Hunter-Lab	51.7444, -32.4596, 28.3546

Details

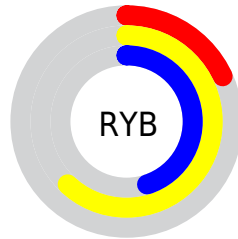
The Yxy color **26.7748, 0.3336, 0.5304** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.0680, 0.2565, 0.1455**, and the grayscale version is **20.5021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3996, 0.3349, 0.4858**, and **10.5994, 0.3166, 0.5868** is the 20% darker color. If you saturate the color by 10%, you get **26.2233, 0.3314, 0.5531**, and if you desaturate by 10%, it is **27.4382, 0.3340, 0.5033**.

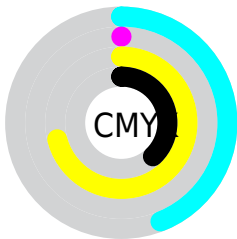
Distribution



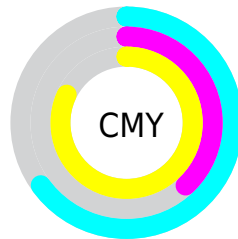
- Red (35%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (45%)



- Cyan (44%)
- Magenta (0%)
- Yellow (71%)
- Black (38%)




- Cyan (65%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7748, 0.3336, 0.5304 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 26.7748, 0.3336, 0.5304 by changing the saturation by 10% instead.


 26.7748, 0.3336,
0.5304


 26.7748, 0.3336,
0.5304


286.5651, 0.3295,
0.4152


 17.4042, 0.3304,
0.5629


 54.5223, 0.3347,
0.4854


 10.5231, 0.3225,
0.6055


 73.6679, 0.3342,
0.4694


 5.7471, 0.3144,
0.6832


 96.8407, 0.3335,
0.4562

 2.6919, 0.2647,
0.7353

 124.4249, 0.3327,
0.4453

 0.9731, 0.0000,
1.0000

 156.8051, 0.3319,
0.4360

 0.0000, 0.0000,
0.0000

 194.3656, 0.3311,

0.4281

237.4908, 0.3303,
0.4212

■ 26.7748, 0.3336,
0.5304

■ 26.7748, 0.3336,
0.5304

■ 26.2233, 0.3314,
0.5531

■ 27.4382, 0.3340,
0.5033

■ 25.7723, 0.3275,
0.5702

■ 28.2168, 0.3328,
0.4736

■ 25.4360, 0.3231,
0.5816

■ 29.1181, 0.3303,
0.4428

■ 30.1477, 0.3267,
0.4123

■ 31.3109, 0.3225,
0.3831

■ 32.6127, 0.3179,
0.3559

■ 34.0578, 0.3131,
0.3311

■ 35.6507, 0.3084,
0.3086

■ 37.3956, 0.3038,
0.2885

Harmonies

Analogous

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



26.7748, 0.4278, 0.5007



26.7748, 0.3336, 0.5304



26.7748, 0.2390, 0.4694

Triad

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



26.7748, 0.3336, 0.5304



26.7748, 0.1472, 0.1914



26.7748, 0.4712, 0.2892

Complementary

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



26.7748, 0.3336, 0.5304



8.0680, 0.2565, 0.1455

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.



26.7748, 0.3671, 0.2305



26.7748, 0.3336, 0.5304



26.7748, 0.1858, 0.1764

Square

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



26.7748, 0.3336, 0.5304



26.7748, 0.1412, 0.2445



26.7748, 0.2606, 0.1907



26.7748, 0.5209, 0.3575

Rectangle

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



26.7748, 0.3336, 0.5304



26.7748, 0.1889, 0.3880



26.7748, 0.2606, 0.1907



26.7748, 0.4402, 0.2681

Sweetspot

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



26.7760, 0.3336, 0.5304



56.7412, 0.3227, 0.3846



19.3223, 0.4553, 0.4286



12.6644, 0.3239, 0.3920



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.7760, 0.3336, 0.5304



47.1252, 0.3293, 0.5637



25.3329, 0.2970, 0.5336



7.5190, 0.3171, 0.3517



20.3923, 0.3237, 0.5812



0.3881, 0.3559, 0.5556

Inverse Universe

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



8.0680, 0.2565, 0.1455



10.9632, 0.2405, 0.1179



11.3241, 0.3372, 0.1878



6.6273, 0.3079, 0.3065



4.0505, 0.2285, 0.1032



0.0962, 0.2668, 0.1243

Previews

White Background



This preview shows how the Yxy color 26.7748, 0.3336, 0.5304 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 26.7748, 0.3336, 0.5304 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 26.7748, 0.3336, 0.5304

Background



This preview shows how black text looks on a background with the Yxy color 26.7748, 0.3336, 0.5304.



This preview shows how white text looks on a background with the Yxy color 26.7748, 0.3336, 0.5304.

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

26.7748, 0.3336, 0.5304

Protanopia

26.4860, 0.4251, 0.4682

Deuteranopia

26.4400, 0.4435, 0.4361



Tritanopia

26.8088, 0.2649, 0.3100

Trichromacy



Original Color

26.7748, 0.3336, 0.5304

Protanomaly

26.0284, 0.3891, 0.4930

Deuteranomaly

25.8221, 0.4001, 0.4708

Tritanomaly

26.4738, 0.2929, 0.3926

Monochromacy



Original Color

26.7748, 0.3336, 0.5304

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.1806, 0.3265, 0.4082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7748, 0.3336, 0.5304 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(89, 158, 46)` looks like.

```
.text, #text, p{  
    color:rgb(89, 158, 46)  
}
```

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(89, 158, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 158, 46) }
```

Border

The CSS property to change the border of an element to Yxy 26.7748, 0.3336, 0.5304 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(89, 158, 46) }
```

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

```
.border{ border-color:rgb(89, 158, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 158, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 158, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 158, 46);  
box-shadow:4px 4px 4px 4px rgb(89, 158,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7748, 0.3336, 0.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 158, 46) }
```

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

```
.background{ background-color: rgb(89, 158,  
46) }
```

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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