

Converting Colors

$Yxy(26.0858, 0.3290, 0.5304)$

Have a look what the booklet for
Yxy(26.0858, 0.3290, 0.5304)
contains.

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Color

Yxy(26.2040, 0.3290, 0.5313)

Conversions

Conversions Part 1

Format	Color
Hex	549D2F
RGB	84, 157, 47
RGB Percent	33%, 62%, 18%
CMY	0.6706, 0.3843, 0.8157
CMYK	0.46, 0.00, 0.70, 0.38
HSL	100°, 54%, 40%
HSV	100°, 70%, 62%
XYZ	16.2265, 26.2040, 6.8901
YIQ	122.6330, -8.1980, -49.6860

Conversions

Conversions Part 2

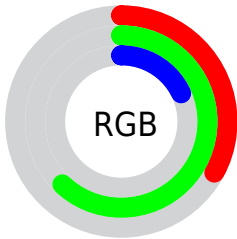
Format	Color
RYB	47, 157, 120
Decimal	5545263
CIELab	58.23, -42.58, 48.28
CIELCh	58, 64.380, 131.410
Yxy	26.2040, 0.3290, 0.5313
Android (android.graphics.Color)	4283735343 (0xFF549D2F)
YUV	122.6330, -37.2871, -33.8811
Hunter-Lab	51.1898, -33.0003, 27.8525

Details

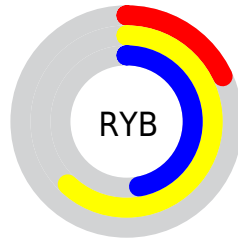
The Yxy color **26.2040, 0.3290, 0.5313** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.4580, 0.2648, 0.1509**, and the grayscale version is **19.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4768, 0.3309, 0.4856**, and **10.2853, 0.3108, 0.5914** is the 20% darker color. If you saturate the color by 10%, you get **25.6549, 0.3267, 0.5550**, and if you desaturate by 10%, it is **26.8724, 0.3297, 0.5033**.

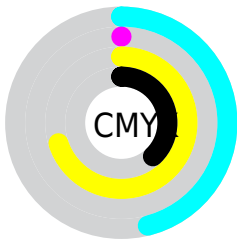
Distribution



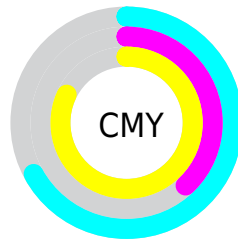
- Red (33%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (47%)



- Cyan (46%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)





- Cyan (67%)
- Magenta (38%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2040, 0.3290, 0.5313 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 26.2040, 0.3290, 0.5313 by changing the saturation by 10% instead.


 26.2040, 0.3290,
0.5313


 26.2040, 0.3290,
0.5313

 283.7821, 0.3273,
0.4149


 16.9763, 0.3251,
0.5646


 53.6039, 0.3310,
0.4855


 10.2176, 0.3164,
0.6086


 72.5448, 0.3309,
0.4693


 5.5435, 0.3070,
0.6896

 95.4924, 0.3304,
0.4560

 2.5695, 0.2549,
0.7451

 122.8308, 0.3299,
0.4450

 0.9114, 0.0000,
1.0000

 154.9446, 0.3292,
0.4357

 0.0000, 0.0000,
0.0000

 192.2182, 0.3286,

0.4277

235.0359, 0.3280,
0.4208

■ 26.2040, 0.3290,
0.5313

■ 26.2040, 0.3290,
0.5313

■ 25.6549, 0.3267,
0.5550

■ 26.8724, 0.3297,
0.5033

■ 25.2135, 0.3228,
0.5728

■ 27.6641, 0.3290,
0.4727

■ 24.8672, 0.3183,
0.5855

■ 28.5869, 0.3270,
0.4413

■ 29.6470, 0.3241,
0.4104

■ 30.8500, 0.3206,
0.3810

■ 32.2013, 0.3168,
0.3539

■ 33.7060, 0.3127,
0.3292

■ 35.3689, 0.3087,
0.3070

■ 37.1947, 0.3048,
0.2872

Harmonies

Analogous

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



26.2040, 0.4243, 0.5042



26.2040, 0.3290, 0.5313



26.2040, 0.2345, 0.4655

Triad

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



26.2040, 0.3290, 0.5313



26.2040, 0.1474, 0.1892



26.2040, 0.4761, 0.2919

Complementary

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



26.2040, 0.3290, 0.5313



8.4580, 0.2648, 0.1509

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.



26.2040, 0.3727, 0.2322



26.2040, 0.3290, 0.5313



26.2040, 0.1877, 0.1757

Square

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



26.2040, 0.3290, 0.5313



26.2040, 0.1399, 0.2404



26.2040, 0.2645, 0.1913



26.2040, 0.5226, 0.3607

Rectangle

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



26.2040, 0.3290, 0.5313



26.2040, 0.1853, 0.3825



26.2040, 0.2645, 0.1913



26.2040, 0.4457, 0.2706

Sweetspot

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



26.2051, 0.3290, 0.5313



54.9454, 0.3211, 0.3848



20.4476, 0.4465, 0.4357



11.9666, 0.3220, 0.3922



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.



26.2051, 0.3290, 0.5313



45.4825, 0.3247, 0.5657



25.0832, 0.2940, 0.5215



7.5041, 0.3164, 0.3518



20.2146, 0.3188, 0.5851



0.3834, 0.3500, 0.5603

Inverse Universe

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



8.4580, 0.2648, 0.1509



11.5692, 0.2509, 0.1243



11.1085, 0.3460, 0.1952



6.6427, 0.3086, 0.3066



4.3964, 0.2392, 0.1091



0.1009, 0.2735, 0.1280

Previews

White Background



This preview shows how the Yxy color 26.2040, 0.3290, 0.5313 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 26.2040, 0.3290, 0.5313 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 26.2040, 0.3290, 0.5313

Background



This preview shows how black text looks on a background with the Yxy color 26.2040, 0.3290, 0.5313.



This preview shows how white text looks on a background with the Yxy color 26.2040, 0.3290, 0.5313.

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

26.2040, 0.3290, 0.5313

Protanopia

25.7003, 0.4249, 0.4674

Deuteranopia

25.6723, 0.4426, 0.4338



Tritanopia

26.2196, 0.2622, 0.3097

Trichromacy



Original Color

26.2040, 0.3290, 0.5313

Protanomaly

25.4854, 0.3859, 0.4932

Deuteranomaly

24.9695, 0.3976, 0.4694

Tritanomaly

25.9280, 0.2893, 0.3915

Monochromacy



Original Color

26.2040, 0.3290, 0.5313

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.4054, 0.3245, 0.4077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2040, 0.3290, 0.5313 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(84, 157, 47)` looks like.

```
.text, #text, p{  
    color:rgb(84, 157, 47)  
}
```

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(84, 157, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 157, 47) }
```

Border

The CSS property to change the border of an element to Yxy 26.2040, 0.3290, 0.5313 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(84, 157, 47) }
```

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

```
.border{ border-color:rgb(84, 157, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 157, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 157, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 157, 47);  
box-shadow:4px 4px 4px 4px rgb(84, 157,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2040, 0.3290, 0.5313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 157, 47) }
```

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

```
.background{ background-color: rgb(84, 157,  
47) }
```

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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