

Converting Colors

$Y_{xy}(26.4354, 0.2849, 0.4253)$

Have a look what the booklet for
Yxy(26.4354, 0.2849, 0.4253)
contains.

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Color

Yxy(26.5007, 0.2849, 0.4250)

Conversions

Conversions Part 1

Format	Color
Hex	4F9C6B
RGB	79, 156, 107
RGB Percent	31%, 61%, 42%
CMY	0.6903, 0.3882, 0.5804
CMYK	0.49, 0.00, 0.31, 0.39
HSL	142°, 33%, 46%
HSV	142°, 49%, 61%
XYZ	17.7648, 26.5007, 18.0891
YIQ	127.3910, -30.1630, -31.5630

Conversions

Conversions Part 2

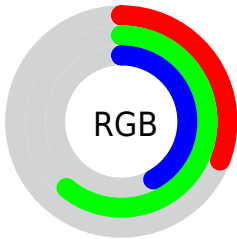
Format	Color
R_{YB}	79, 135, 156
Decimal	5217387
CIE _{Lab}	58.51, -35.28, 18.52
CIE _{LCh}	59, 39.849, 152.309
Yxy	26.5007, 0.2849, 0.4250
Android (android.graphics.Color)	4283407467 (0xFF4F9C6B)
YUV	127.3910, -10.0528, -42.4389
Hunter-Lab	51.4788, -28.4894, 15.2014

Details

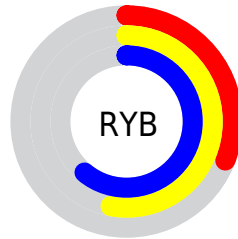
The Yxy color **26.5007, 0.2849, 0.4250** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.2140, 0.3598, 0.2507**, and the grayscale version is **21.4060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0783, 0.2917, 0.4021**, and **10.3758, 0.2719, 0.4664** is the 20% darker color. If you saturate the color by 10%, you get **25.7127, 0.2815, 0.4489**, and if you desaturate by 10%, it is **27.4718, 0.2894, 0.4022**.

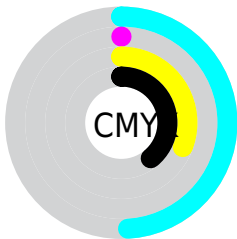
Distribution



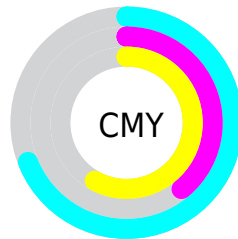
- Red (31%)
- Green (61%)
- Blue (42%)



- Red (31%)
- Yellow (53%)
- Blue (61%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (39%)





- Cyan (69%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5007, 0.2849, 0.4250 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 26.5007, 0.2849, 0.4250 by changing the saturation by 10% instead.


 26.5007, 0.2849,
0.4250


 26.5007, 0.2849,
0.4250


285.2314, 0.3015,
0.3697


 17.1986, 0.2795,
0.4419


 54.0816, 0.2918,
0.4028

 10.3762, 0.2717,
0.4658


 73.1292, 0.2941,
0.3952

 5.6491, 0.2593,
0.5020

 96.1941, 0.2959,
0.3889

 2.6329, 0.2373,
0.5626

 123.6606, 0.2974,
0.3838

 0.9432, 0.0348,
0.9652

 155.9132, 0.2987,
0.3794

 0.0000, 0.0000,
0.0000

193.3363, 0.2998,

0.3757

236.3142, 0.3007,
0.3725

■ 26.5007, 0.2849,
0.4250

■ 26.5007, 0.2849,
0.4250

■ 25.7127, 0.2815,
0.4489

■ 27.4718, 0.2894,
0.4022

■ 25.0927, 0.2796,
0.4732

■ 28.6336, 0.2948,
0.3809

■ 24.6281, 0.2793,
0.4970

■ 29.9972, 0.3007,
0.3614

■ 24.3034, 0.2807,
0.5193


■ 31.5718, 0.3068,
0.3438

■ 24.0847, 0.2834,
0.5396

■ 33.3660, 0.3131,
0.3281

 24.0723, 0.2835,
0.5407

 35.3882, 0.3193,
0.3142

 37.6459, 0.3254,
0.3020

 40.1467, 0.3312,
0.2913

 42.8976, 0.3367,
0.2820

Harmonies

Analogous

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



26.5007, 0.3499, 0.4523



26.5007, 0.2849, 0.4250



26.5007, 0.2307, 0.3611

Triad

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



26.5007, 0.2849, 0.4250



26.5007, 0.2187, 0.2266



26.5007, 0.4399, 0.3432

Complementary

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



26.5007, 0.2849, 0.4250



14.2140, 0.3598, 0.2507

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.



26.5007, 0.3972, 0.2943



26.5007, 0.2849, 0.4250



26.5007, 0.2654, 0.2303

Square

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



26.5007, 0.2849, 0.4250



26.5007, 0.1964, 0.2469



26.5007, 0.3306, 0.2544



26.5007, 0.4427, 0.3937

Rectangle

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



26.5007, 0.2849, 0.4250



26.5007, 0.2073, 0.3145



26.5007, 0.3306, 0.2544



26.5007, 0.4297, 0.3263

Sweetspot

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



26.5018, 0.2849, 0.4250



55.5988, 0.3032, 0.3539



29.0139, 0.3539, 0.4592



12.1147, 0.3020, 0.3574



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.



26.5018, 0.2849, 0.4250



46.5977, 0.2813, 0.4508



27.4676, 0.2572, 0.3501



7.4390, 0.3069, 0.3436



19.8325, 0.2832, 0.5394



0.3624, 0.2612, 0.4605

Inverse Universe

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



14.2140, 0.3598, 0.2507



21.6674, 0.3748, 0.2360



13.4033, 0.4254, 0.3104



6.7136, 0.3190, 0.3149



6.5743, 0.4365, 0.2178



0.1254, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 26.5007, 0.2849, 0.4250 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 26.5007, 0.2849, 0.4250 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 26.5007, 0.2849, 0.4250

Background



This preview shows how black text looks on a background with the Yxy color 26.5007, 0.2849, 0.4250.



This preview shows how white text looks on a background with the Yxy color 26.5007, 0.2849, 0.4250.

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

26.5007, 0.2849, 0.4250

Protanopia

26.2556, 0.3674, 0.3946

Deuteranopia

26.0066, 0.3713, 0.3637



Tritanopia

26.3953, 0.2530, 0.3078

Trichromacy



Original Color

26.5007, 0.2849, 0.4250

Protanomaly

25.8970, 0.3321, 0.4059

Deuteranomaly

25.3773, 0.3340, 0.3853

Tritanomaly

26.4543, 0.2648, 0.3492

Monochromacy



Original Color

26.5007, 0.2849, 0.4250

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.8480, 0.3004, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5007, 0.2849, 0.4250 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(79, 156, 107)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 107)  
}
```

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(79, 156, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 107) }
```

Border

The CSS property to change the border of an element to Yxy 26.5007, 0.2849, 0.4250 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(79, 156, 107) }
```

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

```
.border{ border-color:rgb(79, 156, 107) }
```

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

Here you see how a box with a 4 pixel rgb(79, 156, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 107);  
box-shadow:4px 4px 4px 4px rgb(79, 156,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5007, 0.2849, 0.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 107) }
```

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

```
.background{ background-color: rgb(79, 156,  
107) }
```

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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