

Converting Colors

$Yxy(25.5485, 0.3084, 0.4013)$

Have a look what the booklet for
Yxy(25.5485, 0.3084, 0.4013)
contains.

Yxy(25.4721, 0.3083, 0.4020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(25.4721, 0.3083, 0.4020)$

Conversions

Conversions Part 1

Format	Color
Hex	6C946D
RGB	108, 148, 109
RGB Percent	42%, 58%, 43%
CMY	0.5765, 0.4196, 0.5725
CMYK	0.27, 0.00, 0.26, 0.42
HSL	122°, 16%, 50%
HSV	122°, 27%, 58%
XYZ	19.5349, 25.4721, 18.3564
YIQ	131.5940, -11.3210, -20.6090

Conversions

Conversions Part 2

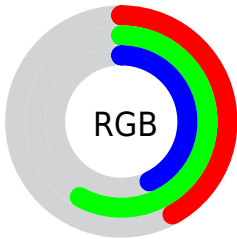
Format	Color
R _Y B	108, 147, 148
Decimal	7115885
CIE Lab	57.53, -21.88, 16.29
CIE LCh	58, 27.280, 143.322
Yxy	25.4721, 0.3083, 0.4020
Android (android.graphics.Color)	4285305965 (0xFF6C946D)
YUV	131.5940, -11.1388, -20.6919
Hunter-Lab	50.4699, -19.2319, 13.7646

Details

The Yxy color **25.4721, 0.3083, 0.4020** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.1284, 0.3170, 0.2654**, and the grayscale version is **22.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2879, 0.3093, 0.3847**, and **9.8161, 0.3051, 0.4328** is the 20% darker color. If you saturate the color by 10%, you get **24.3369, 0.3065, 0.4344**, and if you desaturate by 10%, it is **26.8180, 0.3100, 0.3723**.

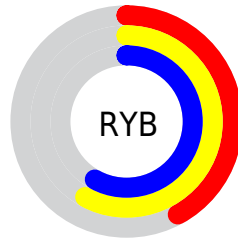
Distribution



Red (42%)

Green (58%)

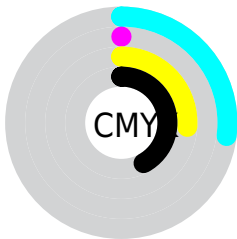
Blue (43%)



Red (42%)

Yellow (58%)

Blue (58%)

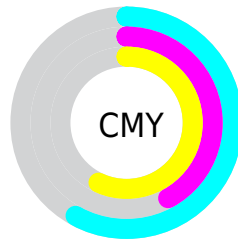


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4721, 0.3083, 0.4020 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 25.4721, 0.3083, 0.4020 by changing the saturation by 10% instead.


 25.4721, 0.3083,
0.4020


 25.4721, 0.3083,
0.4020


280.1809, 0.3115,
0.3603

 16.4291, 0.3070,
0.4146


 52.4221, 0.3098,
0.3854

 9.8283, 0.3048,
0.4324


 71.0979, 0.3103,
0.3796

 5.2853, 0.3009,
0.4592

 93.7534, 0.3106,
0.3749

 2.4156, 0.2928,
0.5040

 120.7731, 0.3109,
0.3710

 0.8339, 0.2366,
0.7634

152.5413, 0.3111,
0.3677

 0.0000, 0.0000,
0.0000

189.4424, 0.3113,

0.3649

231.8608, 0.3114,
0.3624

■ 25.4721, 0.3083,
0.4020

■ 25.4721, 0.3083,
0.4020

■ 24.3369, 0.3065,
0.4344

■ 26.8180, 0.3100,
0.3723

■ 23.3987, 0.3047,
0.4684

■ 28.3811, 0.3117,
0.3457

■ 22.6473, 0.3030,
0.5026

■ 30.1716, 0.3131,
0.3224

■ 22.0702, 0.3016,
0.5345

■ 32.1980, 0.3145,
0.3021

■ 21.6534, 0.3005,
0.5618

■ 34.4685, 0.3157,
0.2845

■ 21.3807, 0.2999,
0.5823

■ 36.9909, 0.3167,
0.2694

■ 21.2265, 0.2996,
0.5949

■ 39.7725, 0.3176,
0.2564

■ 21.1887, 0.2994,
0.5979

■ 42.8204, 0.3184,
0.2453

■ 46.1415, 0.3192,
0.2356

Harmonies

Analogous

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



25.4721, 0.3541, 0.4134



25.4721, 0.3083, 0.4020



25.4721, 0.2657, 0.3655

Triad

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



25.4721, 0.3083, 0.4020



25.4721, 0.2384, 0.2585



25.4721, 0.3944, 0.3303

Complementary

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



25.4721, 0.3083, 0.4020



19.1284, 0.3170, 0.2654

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.



25.4721, 0.3588, 0.2951



25.4721, 0.3083, 0.4020



25.4721, 0.2680, 0.2550

Square

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



25.4721, 0.3083, 0.4020



25.4721, 0.2275, 0.2804



25.4721, 0.3116, 0.2684



25.4721, 0.4059, 0.3674

Rectangle

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



25.4721, 0.3083, 0.4020



25.4721, 0.2445, 0.3344



25.4721, 0.3116, 0.2684



25.4721, 0.3847, 0.3180

Sweetspot

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



25.4732, 0.3083, 0.4020



49.7428, 0.3115, 0.3486



28.4975, 0.3515, 0.3945



11.2628, 0.3113, 0.3522



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.4732, 0.3083, 0.4020



43.7751, 0.3073, 0.4199



25.9451, 0.2908, 0.3642



6.4706, 0.3113, 0.3512



18.0986, 0.2994, 0.5977



0.2220, 0.2963, 0.5867

Inverse Universe

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



19.1284, 0.3170, 0.2654



30.7926, 0.3179, 0.2523



18.5629, 0.3421, 0.2963



5.9067, 0.3141, 0.3077



7.1058, 0.3271, 0.1576



0.0876, 0.3238, 0.1557

Previews

White Background



This preview shows how the Yxy color 25.4721, 0.3083, 0.4020 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 25.4721, 0.3083, 0.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

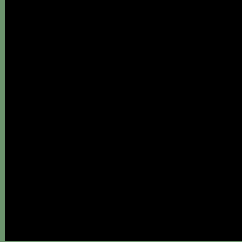
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4721, 0.3083, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 25.4721, 0.3083, 0.4020.



This preview shows how white text looks on a background with the Yxy color 25.4721, 0.3083, 0.4020.

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

25.4721, 0.3083, 0.4020

Protanopia

25.3795, 0.3592, 0.3860

Deuteranopia

25.1460, 0.3686, 0.3610



Tritanopia

25.3921, 0.2757, 0.3082

Trichromacy



Original Color

25.4721, 0.3083, 0.4020

Protanomaly

25.3732, 0.3392, 0.3922

Deuteranomaly

24.9874, 0.3446, 0.3753

Tritanomaly

25.2922, 0.2870, 0.3397

Monochromacy



Original Color

25.4721, 0.3083, 0.4020

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.8431, 0.3104, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4721, 0.3083, 0.4020 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(108, 148, 109)` looks like.

```
.text, #text, p{  
    color:rgb(108, 148, 109)  
}
```

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(108, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 148, 109) }
```

Border

The CSS property to change the border of an element to Yxy 25.4721, 0.3083, 0.4020 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(108, 148, 109) }
```

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

```
.border{ border-color:rgb(108, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 148, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 148, 109);  
box-shadow:4px 4px 4px 4px rgb(108, 148,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4721, 0.3083, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 148, 109) }
```

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

```
.background{ background-color: rgb(108,  
148, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor