

Converting Colors

$Y_{xy}(25.9472, 0.3402, 0.4585)$

Have a look what the booklet for
Yxy(25.9472, 0.3402, 0.4585)
contains.

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Color

Yxy(25.9546, 0.3402, 0.4585)

Conversions

Conversions Part 1

Format	Color
Hex	72964F
RGB	114, 150, 79
RGB Percent	45%, 59%, 31%
CMY	0.5529, 0.4118, 0.6901
CMYK	0.24, 0.00, 0.47, 0.41
HSL	90°, 31%, 45%
HSV	90°, 47%, 59%
XYZ	19.2579, 25.9546, 11.3951
YIQ	131.1420, 1.3350, -29.7130

Conversions

Conversions Part 2

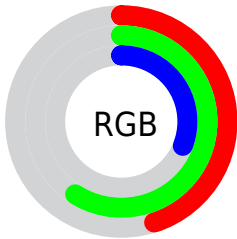
Format	Color
RYB	79, 150, 115
Decimal	7509583
CIELab	57.99, -25.27, 33.33
CIELCh	58, 41.822, 127.171
Yxy	25.9546, 0.3402, 0.4585
Android (android.graphics.Color)	4285699663 (0xFF72964F)
YUV	131.1420, -25.7060, -15.0335
Hunter-Lab	50.9457, -21.6803, 22.4004

Details

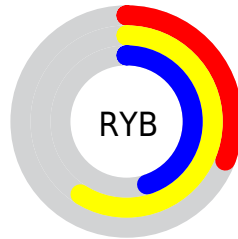
The Yxy color **25.9546, 0.3402, 0.4585** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11.4427, 0.2694, 0.2005**, and the grayscale version is **22.8450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0129, 0.3359, 0.4284**, and **10.1126, 0.3442, 0.5101** is the 20% darker color. If you saturate the color by 10%, you get **25.2722, 0.3435, 0.4871**, and if you desaturate by 10%, it is **26.7310, 0.3356, 0.4292**.

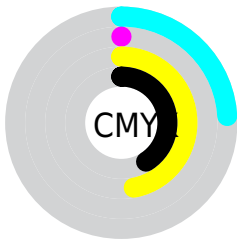
Distribution



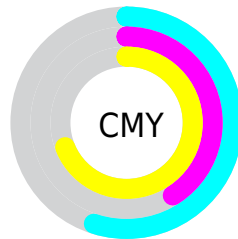
- Red (45%)
- Green (59%)
- Blue (31%)



- Red (31%)
- Yellow (59%)
- Blue (45%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (41%)




- Cyan (55%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9546, 0.3402, 0.4585 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 25.9546, 0.3402, 0.4585 by changing the saturation by 10% instead.


 25.9546, 0.3402,
0.4585


 25.9546, 0.3402,
0.4585


282.5591, 0.3278,
0.3847


 16.7897, 0.3421,
0.4802


 53.2017, 0.3364,
0.4293


 10.0847, 0.3433,
0.5098


 72.0527, 0.3347,
0.4191


 5.4551, 0.3418,
0.5523

 94.9011, 0.3332,
0.4107

 2.5167, 0.3501,
0.6499

 122.1314, 0.3318,
0.4037

 0.8850, 0.2022,
0.7978

 154.1280, 0.3307,
0.3979

 0.0000, 0.0000,
0.0000

191.2752, 0.3296,

0.3928

233.9574, 0.3287,
0.3885

■ 25.9546, 0.3402,
0.4585

■ 25.9546, 0.3402,
0.4585

■ 25.2722, 0.3435,
0.4871

■ 26.7310, 0.3356,
0.4292

■ 24.6760, 0.3451,
0.5135

■ 27.6020, 0.3300,
0.4003

■ 24.1623, 0.3447,
0.5363


■ 28.5726, 0.3238,
0.3726


■ 23.7256, 0.3422,
0.5544


■ 29.6462, 0.3174,
0.3467

■ 23.3573, 0.3379,
0.5675


■ 30.8262, 0.3110,
0.3228

 23.2664, 0.3367,
0.5708

 32.1158, 0.3047,
0.3011

 33.5180, 0.2987,
0.2816

 35.0356, 0.2930,
0.2641

 36.6715, 0.2876,
0.2485

Harmonies

Analogous

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



25.9546, 0.4040, 0.4466



25.9546, 0.3402, 0.4585



25.9546, 0.2725, 0.4220

Triad

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



25.9546, 0.3402, 0.4585



25.9546, 0.1927, 0.2372



25.9546, 0.4117, 0.3001

Complementary

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



25.9546, 0.3402, 0.4585



11.4427, 0.2694, 0.2005

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.



25.9546, 0.3434, 0.2566



25.9546, 0.3402, 0.4585



25.9546, 0.2202, 0.2206

Square

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



25.9546, 0.3402, 0.4585



25.9546, 0.1920, 0.2813



25.9546, 0.2728, 0.2284



25.9546, 0.4506, 0.3518

Rectangle

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



25.9546, 0.3402, 0.4585



25.9546, 0.2345, 0.3759



25.9546, 0.2728, 0.2284



25.9546, 0.3909, 0.2843

Sweetspot

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



25.9557, 0.3402, 0.4585



50.9805, 0.3219, 0.3645



19.1991, 0.4069, 0.3893



11.2179, 0.3231, 0.3697



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.



25.9557, 0.3402, 0.4585



44.5087, 0.3437, 0.4893



24.0411, 0.3060, 0.4732



6.6003, 0.3186, 0.3514



19.3152, 0.3373, 0.5704



0.2539, 0.3715, 0.5432

Inverse Universe

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



11.4427, 0.2694, 0.2005



15.6434, 0.2562, 0.1703



14.2810, 0.3179, 0.2175



5.7688, 0.3064, 0.3067



3.1222, 0.2060, 0.0909



0.0557, 0.2547, 0.1177

Previews

White Background



This preview shows how the Yxy color 25.9546, 0.3402, 0.4585 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 25.9546, 0.3402, 0.4585 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 25.9546, 0.3402, 0.4585

Background



This preview shows how black text looks on a background with the Yxy color 25.9546, 0.3402, 0.4585.



This preview shows how white text looks on a background with the Yxy color 25.9546, 0.3402, 0.4585.

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

25.9546, 0.3402, 0.4585

Protanopia

25.7455, 0.3955, 0.4308

Deuteranopia

25.8346, 0.4116, 0.4041



Tritanopia

26.0059, 0.2850, 0.3104

Trichromacy



Original Color

25.9546, 0.3402, 0.4585

Protanomaly

25.6557, 0.3750, 0.4418

Deuteranomaly

25.4640, 0.3840, 0.4223

Tritanomaly

25.8221, 0.3060, 0.3628

Monochromacy



Original Color

25.9546, 0.3402, 0.4585

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7068, 0.3249, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9546, 0.3402, 0.4585 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(114, 150, 79)` looks like.

```
.text, #text, p{  
    color:rgb(114, 150, 79)  
}
```

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(114, 150, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 150, 79) }
```

Border

The CSS property to change the border of an element to Yxy 25.9546, 0.3402, 0.4585 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(114, 150, 79) }
```

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

```
.border{ border-color:rgb(114, 150, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 150, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 150, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 150, 79);  
box-shadow:4px 4px 4px 4px rgb(114, 150,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9546, 0.3402, 0.4585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 150, 79) }
```

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

```
.background{ background-color: rgb(114,  
150, 79) }
```

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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