

Converting Colors

$Y_{xy}(25.1288, 0.3102, 0.4500)$

Have a look what the booklet for
Yxy(25.1288, 0.3102, 0.4500)
contains.

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Color

Yxy(25.1816, 0.3106, 0.4500)

Conversions

Conversions Part 1

Format	Color
Hex	5D9759
RGB	93, 151, 89
RGB Percent	36%, 59%, 35%
CMY	0.6355, 0.4078, 0.6510
CMYK	0.38, 0.00, 0.41, 0.41
HSL	116°, 26%, 47%
HSV	116°, 41%, 59%
XYZ	17.3809, 25.1816, 13.3966
YIQ	126.5900, -14.6660, -31.5780

Conversions

Conversions Part 2

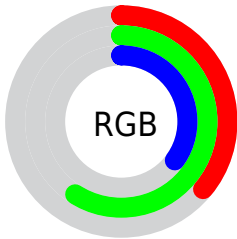
Format	Color
R_{YB}	89, 151, 147
Decimal	6133593
CIE _{Lab}	57.25, -31.94, 26.82
CIE _{LCh}	57, 41.709, 139.977
Yxy	25.1816, 0.3106, 0.4500
Android (android.graphics.Color)	4284323673 (0xFF5D9759)
YUV	126.5900, -18.5319, -29.4584
Hunter-Lab	50.1813, -25.9916, 19.2986

Details

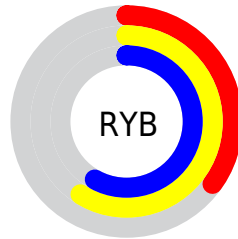
The Yxy color **25.1816, 0.3106, 0.4500** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.5888, 0.3120, 0.2294**, and the grayscale version is **21.1415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1471, 0.3127, 0.4217**, and **9.7738, 0.3046, 0.5020** is the 20% darker color. If you saturate the color by 10%, you get **24.2840, 0.3094, 0.4845**, and if you desaturate by 10%, it is **26.2698, 0.3115, 0.4165**.

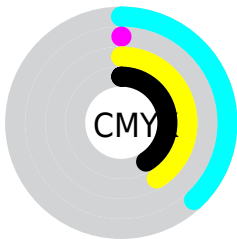
Distribution



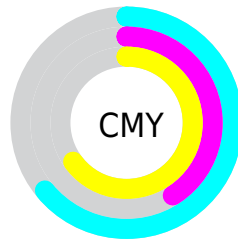
- Red (36%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (41%)





- Cyan (64%)
- Magenta (41%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1816, 0.3106, 0.4500 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 25.1816, 0.3106, 0.4500 by changing the saturation by 10% instead.


 25.1816, 0.3106,
0.4500


 25.1816, 0.3106,
0.4500


278.7411, 0.3140,
0.3798


 16.2124, 0.3084,
0.4715


 51.9517, 0.3127,
0.4217


 9.6746, 0.3043,
0.5019


 70.5214, 0.3132,
0.4120

 5.1837, 0.2961,
0.5474

 93.0600, 0.3135,
0.4041

 2.3555, 0.2910,
0.6524

 119.9519, 0.3137,
0.3975

 0.8028, 0.0000,
1.0000

151.5816, 0.3138,
0.3920

 0.0000, 0.0000,
0.0000

188.3335, 0.3139,

0.3873

230.5918, 0.3140,
0.3833

■ 25.1816, 0.3106,
0.4500

■ 25.1816, 0.3106,
0.4500

■ 24.2840, 0.3094,
0.4845

■ 26.2698, 0.3115,
0.4165

■ 23.5630, 0.3080,
0.5179

■ 27.5552, 0.3121,
0.3852

■ 23.0079, 0.3063,
0.5480


■ 29.0481, 0.3125,
0.3567


■ 22.6055, 0.3045,
0.5723


■ 30.7572, 0.3127,
0.3315


■ 22.3403, 0.3027,
0.5890


■ 32.6905, 0.3128,
0.3093

 22.1984, 0.3017,
0.5986

 34.8559, 0.3128,
0.2901

 37.2605, 0.3127,
0.2734

 39.9115, 0.3125,
0.2590

 42.8155, 0.3123,
0.2466

Harmonies

Analogous

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



25.1816, 0.3788, 0.4577



25.1816, 0.3106, 0.4500



25.1816, 0.2466, 0.3941

Triad

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



25.1816, 0.3106, 0.4500



25.1816, 0.2005, 0.2262



25.1816, 0.4341, 0.3215

Complementary

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



25.1816, 0.3106, 0.4500



15.5888, 0.3120, 0.2294

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.



25.1816, 0.3749, 0.2733



25.1816, 0.3106, 0.4500



25.1816, 0.2393, 0.2205

Square

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



25.1816, 0.3106, 0.4500



25.1816, 0.1882, 0.2584



25.1816, 0.3015, 0.2376



25.1816, 0.4550, 0.3748

Rectangle

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



25.1816, 0.3106, 0.4500



25.1816, 0.2148, 0.3434



25.1816, 0.3015, 0.2376



25.1816, 0.4177, 0.3045

Sweetspot

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



25.1827, 0.3106, 0.4500



51.6789, 0.3125, 0.3599



28.1305, 0.3747, 0.4219



11.6716, 0.3124, 0.3631



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.1827, 0.3106, 0.4500



43.6415, 0.3096, 0.4808



25.5185, 0.2851, 0.3969



6.9435, 0.3125, 0.3519



18.8870, 0.3019, 0.5985



0.2867, 0.3111, 0.5912

Inverse Universe

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



15.5888, 0.3120, 0.2294



24.1177, 0.3114, 0.2094



15.1848, 0.3558, 0.2704



6.3036, 0.3128, 0.3070



6.7510, 0.3053, 0.1456



0.1061, 0.3128, 0.1497

Previews

White Background



This preview shows how the Yxy color 25.1816, 0.3106, 0.4500 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 25.1816, 0.3106, 0.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

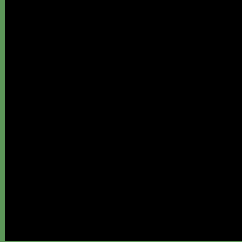
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1816, 0.3106, 0.4500

Background



This preview shows how black text looks on a background with the Yxy color 25.1816, 0.3106, 0.4500.



This preview shows how white text looks on a background with the Yxy color 25.1816, 0.3106, 0.4500.

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

25.1816, 0.3106, 0.4500

Protanopia

24.9210, 0.3833, 0.4164

Deuteranopia

24.8273, 0.3937, 0.3872



Tritanopia

25.0147, 0.2653, 0.3078

Trichromacy



Original Color

25.1816, 0.3106, 0.4500

Protanomaly

24.6850, 0.3544, 0.4287

Deuteranomaly

24.3529, 0.3611, 0.4090

Tritanomaly

24.9632, 0.2822, 0.3568

Monochromacy



Original Color

25.1816, 0.3106, 0.4500

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.4454, 0.3129, 0.3725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1816, 0.3106, 0.4500 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(93, 151, 89)` looks like.

```
.text, #text, p{  
    color:rgb(93, 151, 89)  
}
```

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(93, 151, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 151, 89) }
```

Border

The CSS property to change the border of an element to Yxy 25.1816, 0.3106, 0.4500 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(93, 151, 89) }
```

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

```
.border{ border-color:rgb(93, 151, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 151, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 151, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 151, 89);  
box-shadow:4px 4px 4px 4px rgb(93, 151,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1816, 0.3106, 0.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 151, 89) }
```

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

```
.background{ background-color: rgb(93, 151,  
89) }
```

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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