

Converting Colors

$Y_{xy}(25.1067, 0.2877, 0.4713)$

Have a look what the booklet for
Yxy(25.1067, 0.2877, 0.4713)
contains.

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Color

Yxy(25.1067, 0.2877, 0.4713)

Conversions

Conversions Part 1

Format	Color
Hex	3D9B56
RGB	61, 155, 86
RGB Percent	24%, 61%, 34%
CMY	0.7607, 0.3922, 0.6628
CMYK	0.61, 0.00, 0.45, 0.39
HSL	136°, 44%, 42%
HSV	136°, 61%, 61%
XYZ	15.3261, 25.1067, 12.8384
YIQ	119.0280, -33.8750, -41.3870

Conversions

Conversions Part 2

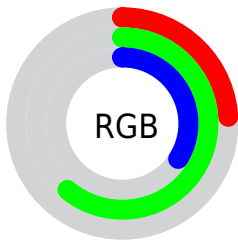
Format	Color
RYB	61, 135, 155
Decimal	4037462
CIELab	57.18, -43.28, 28.10
CIELCh	57, 51.603, 147.008
Yxy	25.1067, 0.2877, 0.4713
Android (android.graphics.Color)	4282227542 (0xFF3D9B56)
YUV	119.0280, -16.2828, -50.8906
Hunter-Lab	50.1066, -33.0887, 19.8833

Details

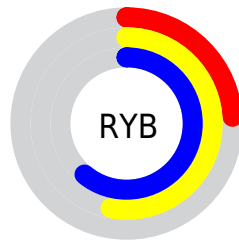
The Yxy color **25.1067, 0.2877, 0.4713** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.9220, 0.3588, 0.2226**, and the grayscale version is **18.5198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6812, 0.2948, 0.4366**, and **9.8470, 0.2803, 0.5292** is the 20% darker color. If you saturate the color by 10%, you get **24.5156, 0.2864, 0.4986**, and if you desaturate by 10%, it is **25.8713, 0.2902, 0.4438**.

Distribution



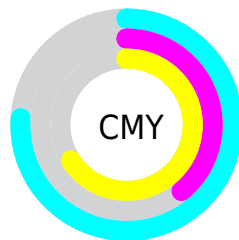
- Red (24%)
- Green (61%)
- Blue (34%)



- Red (24%)
- Yellow (53%)
- Blue (61%)



- Cyan (61%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)





- Cyan (76%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1067, 0.2877, 0.4713 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 25.1067, 0.2877, 0.4713 by changing the saturation by 10% instead.


 25.1067, 0.2877,
0.4713


 25.1067, 0.2877,
0.4713


278.3689, 0.3045,
0.3876


 16.1566, 0.2813,
0.4974


 51.8303, 0.2952,
0.4373


 9.6350, 0.2712,
0.5346


 70.3725, 0.2976,
0.4257

 5.1576, 0.2539,
0.5909

 92.8809, 0.2994,
0.4163

 2.3401, 0.2349,
0.7319

 119.7398, 0.3009,
0.4085

 0.7948, 0.0000,
1.0000

 151.3337, 0.3020,
0.4020

 0.0000, 0.0000,
0.0000

188.0469, 0.3030,

0.3965

230.2638, 0.3038,
0.3918

■ 25.1067, 0.2877,
0.4713

■ 25.1067, 0.2877,
0.4713

■ 24.5156, 0.2864,
0.4986

■ 25.8713, 0.2902,
0.4438

■ 24.0809, 0.2865,
0.5243

■ 26.8187, 0.2938,
0.4172

■ 23.7872, 0.2881,
0.5472

■ 27.9611, 0.2980,
0.3922

■ 23.6044, 0.2903,
0.5653

■ 29.3090, 0.3027,
0.3692

■ 30.8718, 0.3075,
0.3485

■ 32.6586, 0.3124,
0.3301

■ 34.6778, 0.3172,
0.3138

■ 36.9375, 0.3219,
0.2996

■ 39.4452, 0.3263,
0.2872

Harmonies

Analogous

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



25.1067, 0.3708, 0.4917



25.1067, 0.2877, 0.4713



25.1067, 0.2160, 0.3880

Triad

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



25.1067, 0.2877, 0.4713



25.1067, 0.1864, 0.2013



25.1067, 0.4738, 0.3314

Complementary

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



25.1067, 0.2877, 0.4713



11.9220, 0.3588, 0.2226

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.



25.1067, 0.4093, 0.2735



25.1067, 0.2877, 0.4713



25.1067, 0.2384, 0.2023

Square

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



25.1067, 0.2877, 0.4713



25.1067, 0.1649, 0.2296



25.1067, 0.3186, 0.2279



25.1067, 0.4840, 0.3942

Rectangle

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



25.1067, 0.2877, 0.4713



25.1067, 0.1841, 0.3227



25.1067, 0.3186, 0.2279



25.1067, 0.4575, 0.3112

Sweetspot

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



25.1077, 0.2877, 0.4713



53.0910, 0.3038, 0.3643



28.6463, 0.3702, 0.4820



11.8533, 0.3024, 0.3702



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.



25.1077, 0.2877, 0.4713



43.5768, 0.2863, 0.5086



26.0886, 0.2554, 0.3747



6.9512, 0.3082, 0.3458



18.9644, 0.2900, 0.5639



0.2889, 0.2687, 0.4874

Inverse Universe

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



11.9220, 0.3588, 0.2226



17.7777, 0.3733, 0.2067



10.9574, 0.4484, 0.2923



6.2956, 0.3175, 0.3128



6.5766, 0.3998, 0.1976



0.1042, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 25.1067, 0.2877, 0.4713 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 25.1067, 0.2877, 0.4713 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 25.1067, 0.2877, 0.4713

Background



This preview shows how black text looks on a background with the Yxy color 25.1067, 0.2877, 0.4713.



This preview shows how white text looks on a background with the Yxy color 25.1067, 0.2877, 0.4713.

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

25.1067, 0.2877, 0.4713

Protanopia

24.5624, 0.3890, 0.4226

Deuteranopia

24.5245, 0.3966, 0.3888



Tritanopia

25.1200, 0.2456, 0.3071

Trichromacy



Original Color

25.1067, 0.2877, 0.4713



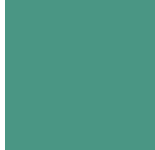
Protanomaly

24.0360, 0.3437, 0.4422



Deuteranomaly

23.6390, 0.3482, 0.4182



Tritanomaly

24.9345, 0.2611, 0.3639

Monochromacy



Original Color

25.1067, 0.2877, 0.4713



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

20.1607, 0.3004, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1067, 0.2877, 0.4713 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(61, 155, 86)` looks like.

```
.text, #text, p{  
    color:rgb(61, 155, 86)  
}
```

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(61, 155, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 155, 86) }
```

Border

The CSS property to change the border of an element to Yxy 25.1067, 0.2877, 0.4713 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(61, 155, 86) }
```

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

```
.border{ border-color:rgb(61, 155, 86) }
```

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

Here you see how a box with a 4 pixel rgb(61, 155, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 155, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 155, 86);  
box-shadow:4px 4px 4px 4px rgb(61, 155,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1067, 0.2877, 0.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 155, 86) }
```

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

```
.background{ background-color: rgb(61, 155,  
86) }
```

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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