

Converting Colors

$Yxy(25.5692, 0.2745, 0.4818)$

Have a look what the booklet for
Yxy(25.5692, 0.2745, 0.4818)
contains.

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Color

Yxy(25.4327, 0.2742, 0.4809)

Conversions

Conversions Part 1

Format	Color
Hex	209E56
RGB	32, 158, 86
RGB Percent	13%, 62%, 34%
CMY	0.8747, 0.3804, 0.6627
CMYK	0.80, 0.00, 0.46, 0.38
HSL	146°, 66%, 37%
HSV	146°, 80%, 62%
XYZ	14.5012, 25.4327, 12.9517
YIQ	112.1180, -51.9840, -49.1040

Conversions

Conversions Part 2

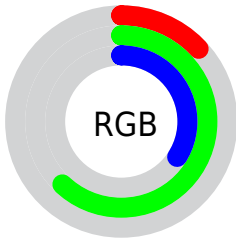
Format	Color
R _Y B	32, 120, 158
Decimal	2137686
CIE Lab	57.49, -49.61, 28.35
CIE LCh	57, 57.145, 150.252
Yxy	25.4327, 0.2742, 0.4809
Android (android.graphics.Color)	4280327766 (0xFF209E56)
YUV	112.1180, -12.8762, -70.2635
Hunter-Lab	50.4308, -36.9268, 20.0747

Details

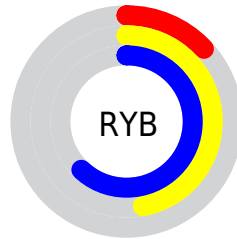
The Yxy color **25.4327, 0.2742, 0.4809** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9.2975, 0.4238, 0.2303**, and the grayscale version is **16.2854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5519, 0.2849, 0.4443**, and **10.2496, 0.2810, 0.5316** is the 20% darker color. If you saturate the color by 10%, you get **25.1026, 0.2755, 0.5018**, and if you desaturate by 10%, it is **25.9045, 0.2747, 0.4591**.

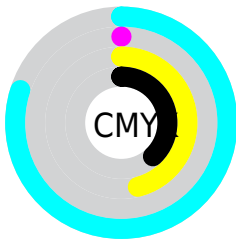
Distribution



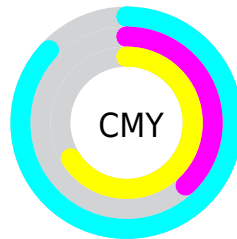
- Red (13%)
- Green (62%)
- Blue (34%)



- Red (13%)
- Yellow (47%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (46%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4327, 0.2742, 0.4809 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 25.4327, 0.2742, 0.4809 by changing the saturation by 10% instead.


 25.4327, 0.2742,
0.4809


 25.4327, 0.2742,
0.4809


279.9860, 0.2988,
0.3913


 16.3997, 0.2655,
0.5090


 52.3583, 0.2848,
0.4444


 9.8074, 0.2523,
0.5491


 71.0198, 0.2882,
0.4319


 5.2715, 0.2305,
0.6098

 93.6595, 0.2909,
0.4219

 2.4074, 0.1990,
0.7610

 120.6619, 0.2931,
0.4136

 0.8297, 0.0000,
1.0000

 152.4113, 0.2949,
0.4066

 0.0000, 0.0000,
0.0000

 189.2922, 0.2964,

0.4007

231.6890, 0.2977,
0.3957

■ 25.4327, 0.2742,
0.4809

■ 25.4327, 0.2742,
0.4809

■ 25.1026, 0.2755,
0.5018

■ 25.9045, 0.2747,
0.4591

■ 24.8747, 0.2782,
0.5213

■ 26.5309, 0.2770,
0.4371

■ 24.8701, 0.2783,
0.5217

■ 27.3266, 0.2809,
0.4157

■ 28.3038, 0.2860,
0.3952

■ 29.4735, 0.2920,
0.3761

■ 30.8458, 0.2987,
0.3587

■ 32.4300, 0.3057,
0.3429

■ 34.2350, 0.3129,
0.3287

■ 36.2690, 0.3200,
0.3162

Harmonies

Analogous

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



25.4327, 0.3640, 0.5097



25.4327, 0.2742, 0.4809



25.4327, 0.1998, 0.3819

Triad

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



25.4327, 0.2742, 0.4809



25.4327, 0.1805, 0.1894



25.4327, 0.4941, 0.3367

Complementary

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



25.4327, 0.2742, 0.4809



9.2975, 0.4238, 0.2303

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.



25.4327, 0.4288, 0.2743



25.4327, 0.2742, 0.4809



25.4327, 0.2393, 0.1940

Square

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



25.4327, 0.2742, 0.4809



25.4327, 0.1542, 0.2150



25.4327, 0.3293, 0.2239



25.4327, 0.4968, 0.4041

Rectangle

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



25.4327, 0.2742, 0.4809



25.4327, 0.1689, 0.3098



25.4327, 0.3293, 0.2239



25.4327, 0.4787, 0.3151

Sweetspot

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



25.4337, 0.2742, 0.4809



54.7979, 0.2955, 0.3666



27.5917, 0.3554, 0.5339



12.1687, 0.2933, 0.3726



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.4337, 0.2742, 0.4809



45.2572, 0.2779, 0.5176



26.8839, 0.2353, 0.3489



7.4459, 0.3061, 0.3421



19.9246, 0.2778, 0.5202



0.3646, 0.2563, 0.4428

Inverse Universe

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



9.2975, 0.4238, 0.2303



14.7727, 0.4594, 0.2326



8.4698, 0.5658, 0.3186



6.7064, 0.3199, 0.3163



6.4241, 0.4624, 0.2321



0.1232, 0.3937, 0.1942

Previews

White Background



This preview shows how the Yxy color 25.4327, 0.2742, 0.4809 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 25.4327, 0.2742, 0.4809 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 25.4327, 0.2742, 0.4809

Background



This preview shows how black text looks on a background with the Yxy color 25.4327, 0.2742, 0.4809.



This preview shows how white text looks on a background with the Yxy color 25.4327, 0.2742, 0.4809.

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

25.4327, 0.2742, 0.4809

Protanopia

24.9254, 0.3905, 0.4251

Deuteranopia

24.9154, 0.3960, 0.3884



Tritanopia

25.2618, 0.2357, 0.3051

Trichromacy



Original Color

25.4327, 0.2742, 0.4809



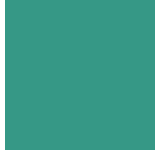
Protanomaly

23.9707, 0.3327, 0.4512



Deuteranomaly

23.5009, 0.3358, 0.4249



Tritanomaly

24.9620, 0.2490, 0.3645

Monochromacy



Original Color

25.4327, 0.2742, 0.4809



Achromatopsia

16.2029, 0.3127, 0.3290



Achromatomaly

18.5188, 0.2885, 0.3853

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4327, 0.2742, 0.4809 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(32, 158, 86)` looks like.

```
.text, #text, p{  
    color:rgb(32, 158, 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(32, 158, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 158, 86) }
```

Border

The CSS property to change the border of an element to Yxy 25.4327, 0.2742, 0.4809 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(32, 158, 86) }
```

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

```
.border{ border-color:rgb(32, 158, 86) }
```

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

Here you see how a box with a 4 pixel rgb(32, 158, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 158, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 158, 86);  
box-shadow:4px 4px 4px 4px rgb(32, 158,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4327, 0.2742, 0.4809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 158, 86) }
```

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

```
.background{ background-color: rgb(32, 158,  
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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