

Converting Colors

$Yxy(25.5365, 0.2657, 0.4632)$

Have a look what the booklet for
Yxy(25.5365, 0.2657, 0.4632)
contains.

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Color

Yxy(25.4394, 0.2654, 0.4625)

Conversions

Conversions Part 1

Format	Color
Hex	159E5F
RGB	21, 158, 95
RGB Percent	8%, 62%, 37%
CMY	0.9185, 0.3804, 0.6275
CMYK	0.87, 0.00, 0.40, 0.38
HSL	152°, 77%, 35%
HSV	152°, 87%, 62%
XYZ	14.5981, 25.4394, 14.9666
YIQ	109.8550, -61.4290, -48.6370

Conversions

Conversions Part 2

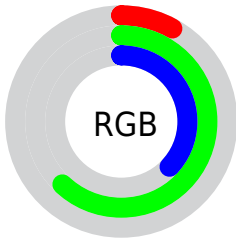
Format	Color
R _Y B	21, 110, 158
Decimal	1416799
CIE Lab	57.50, -49.05, 23.51
CIE LCh	58, 54.392, 154.392
Yxy	25.4394, 0.2654, 0.4625
Android (android.graphics.Color)	4279606879 (0xFF159E5F)
YUV	109.8550, -7.3235, -77.9258
Hunter-Lab	50.4375, -36.6025, 17.7128

Details

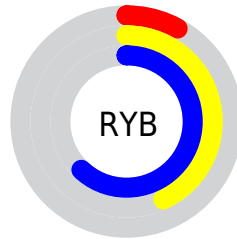
The Yxy color **25.4394, 0.2654, 0.4625** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8.4354, 0.4760, 0.2516**, and the grayscale version is **15.5657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5481, 0.2776, 0.4309**, and **10.3166, 0.2738, 0.5058** is the 20% darker color. If you saturate the color by 10%, you get **25.1896, 0.2673, 0.4795**, and if you desaturate by 10%, it is **25.8072, 0.2653, 0.4449**.

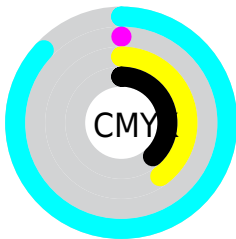
Distribution



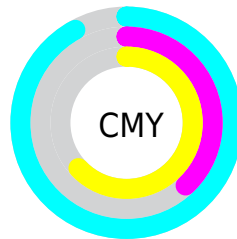
- Red (8%)
- Green (62%)
- Blue (37%)



- Red (8%)
- Yellow (43%)
- Blue (62%)



- Cyan (87%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (92%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4394, 0.2654, 0.4625 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 25.4394, 0.2654, 0.4625 by changing the saturation by 10% instead.


 25.4394, 0.2654,
0.4625


 25.4394, 0.2654,
0.4625


280.0192, 0.2940,
0.3840


 16.4047, 0.2560,
0.4871


 52.3692, 0.2773,
0.4306


 9.8110, 0.2423,
0.5224


 71.0330, 0.2812,
0.4197

 5.2738, 0.2206,
0.5764

 93.6755, 0.2844,
0.4109

 2.4088, 0.1831,
0.6845

 120.6808, 0.2870,
0.4036

 0.8304, 0.0000,
1.0000

 152.4334, 0.2892,
0.3975

 0.0000, 0.0000,
0.0000

 189.3178, 0.2910,

0.3923

231.7182, 0.2926,
0.3879

■ 25.4394, 0.2654,
0.4625

■ 25.4394, 0.2654,
0.4625

■ 25.1896, 0.2673,
0.4795

■ 25.8072, 0.2653,
0.4449

■ 25.1203, 0.2680,
0.4848

■ 26.3126, 0.2671,
0.4272

■ 26.9716, 0.2708,
0.4098

■ 27.7971, 0.2760,
0.3930

■ 28.8006, 0.2825,
0.3771

■ 29.9924, 0.2900,
0.3624

■ 31.3823, 0.2982,
0.3489

■ 32.9791, 0.3067,
0.3366

■ 34.7913, 0.3155,
0.3257

Harmonies

Analogous

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



25.4394, 0.3511, 0.5017



25.4394, 0.2654, 0.4625



25.4394, 0.1974, 0.3648

Triad

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



25.4394, 0.2654, 0.4625



25.4394, 0.1916, 0.1938



25.4394, 0.4898, 0.3463

Complementary

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



25.4394, 0.2654, 0.4625



8.4354, 0.4760, 0.2516

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.



25.4394, 0.4348, 0.2847



25.4394, 0.2654, 0.4625



25.4394, 0.2530, 0.2017

Square

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



25.4394, 0.2654, 0.4625



25.4394, 0.1619, 0.2146



25.4394, 0.3422, 0.2338



25.4394, 0.4851, 0.4117

Rectangle

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



25.4394, 0.2654, 0.4625



25.4394, 0.1705, 0.2988



25.4394, 0.3422, 0.2338



25.4394, 0.4778, 0.3251

Sweetspot

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



25.4404, 0.2654, 0.4625



54.5382, 0.2903, 0.3619



26.4335, 0.3389, 0.5567



12.1273, 0.2877, 0.3665



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.



25.4404, 0.2654, 0.4625



45.5712, 0.2689, 0.4879



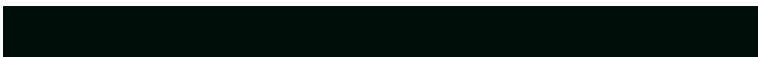
25.5514, 0.2247, 0.3201



7.4580, 0.3046, 0.3395



20.1240, 0.2676, 0.4835



0.3683, 0.2488, 0.4158

Inverse Universe

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



8.4354, 0.4760, 0.2516



14.0240, 0.5149, 0.2610



8.0341, 0.6053, 0.3333



6.6943, 0.3216, 0.3188



6.2101, 0.5086, 0.2575



0.1195, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 25.4394, 0.2654, 0.4625 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 25.4394, 0.2654, 0.4625 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 25.4394, 0.2654, 0.4625

Background



This preview shows how black text looks on a background with the Yxy color 25.4394, 0.2654, 0.4625.



This preview shows how white text looks on a background with the Yxy color 25.4394, 0.2654, 0.4625.

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

25.4394, 0.2654, 0.4625

Protanopia

24.9690, 0.3802, 0.4117

Deuteranopia

24.8536, 0.3844, 0.3766



Tritanopia

25.3820, 0.2332, 0.3068

Trichromacy



Original Color

25.4394, 0.2654, 0.4625



Protanomaly

23.8138, 0.3195, 0.4360



Deuteranomaly

23.3301, 0.3216, 0.4093



Tritanomaly

25.1983, 0.2433, 0.3584

Monochromacy



Original Color

25.4394, 0.2654, 0.4625



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.8184, 0.2814, 0.3775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4394, 0.2654, 0.4625 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(21, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(21, 158, 95)  
}
```

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(21, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 158, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.4394, 0.2654, 0.4625 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(21, 158, 95) }
```

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

```
.border{ border-color:rgb(21, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(21, 158,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4394, 0.2654, 0.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 158, 95) }
```

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

```
.background{ background-color: rgb(21, 158,  
95) }
```

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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