

Converting Colors

$Y_{xy}(25.6554, 0.3058, 0.4373)$

Have a look what the booklet for
Yxy(25.6554, 0.3058, 0.4373)
contains.

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Color

Yxy(25.6807, 0.3058, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	5E9860
RGB	94, 152, 96
RGB Percent	37%, 60%, 38%
CMY	0.6314, 0.4039, 0.6235
CMYK	0.38, 0.00, 0.37, 0.40
HSL	122°, 24%, 48%
HSV	122°, 38%, 60%
XYZ	17.9542, 25.6807, 15.0773
YIQ	128.2740, -16.5920, -29.7120

Conversions

Conversions Part 2

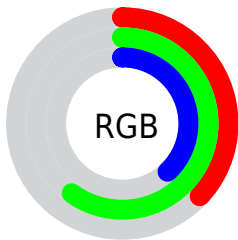
Format	Color
RYB	94, 150, 152
Decimal	6199392
CIELab	57.73, -30.93, 23.65
CIElCh	58, 38.935, 142.588
Yxy	25.6807, 0.3058, 0.4374
Android (android.graphics.Color)	4284389472 (0xFF5E9860)
YUV	128.2740, -15.9111, -30.0583
Hunter-Lab	50.6761, -25.4420, 17.8332

Details

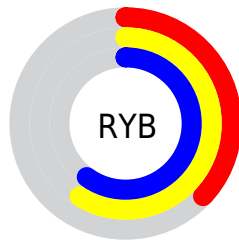
The Yxy color **25.6807, 0.3058, 0.4374** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.8794, 0.3196, 0.2403**, and the grayscale version is **21.7463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9353, 0.3088, 0.4127**, and **9.8497, 0.2988, 0.4818** is the 20% darker color. If you saturate the color by 10%, you get **24.7105, 0.3039, 0.4714**, and if you desaturate by 10%, it is **26.8618, 0.3077, 0.4050**.

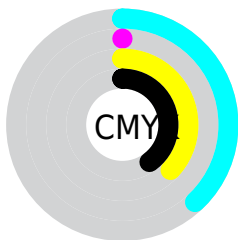
Distribution



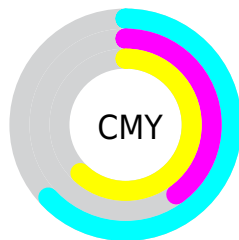
- Red (37%)
- Green (60%)
- Blue (38%)



- Red (37%)
- Yellow (59%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (37%)
- Black (40%)




- Cyan (63%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6807, 0.3058, 0.4374 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 25.6807, 0.3058, 0.4374 by changing the saturation by 10% instead.


 25.6807, 0.3058,
0.4374


 25.6807, 0.3058,
0.4374


281.2111, 0.3114,
0.3748


 16.5849, 0.3033,
0.4565


 52.7594, 0.3086,
0.4122

 9.9390, 0.2990,
0.4836


 71.5111, 0.3094,
0.4036

 5.3585, 0.2911,
0.5243

 94.2502, 0.3099,
0.3965

 2.4591, 0.2793,
0.6022

 121.3612, 0.3104,
0.3906

 0.8561, 0.0642,
0.9358

153.2283, 0.3107,
0.3857

 0.0000, 0.0000,
0.0000

190.2361, 0.3110,

0.3815

232.7689, 0.3112,
0.3779

■ 25.6807, 0.3058,
0.4374

■ 25.6807, 0.3058,
0.4374

■ 24.7105, 0.3039,
0.4714

■ 26.8618, 0.3077,
0.4050

■ 23.9357, 0.3022,
0.5052

■ 28.2616, 0.3096,
0.3752

■ 23.3440, 0.3009,
0.5367


■ 29.8917, 0.3114,
0.3485

■ 22.9204, 0.2999,
0.5634


■ 31.7617, 0.3130,
0.3249

■ 22.6474, 0.2995,
0.5833

■ 33.8808, 0.3145,
0.3044


 22.4939, 0.2993,
0.5954

 36.2576, 0.3158,
0.2867

 22.4702, 0.2992,
0.5972

 38.9005, 0.3170,
0.2715

 41.8173, 0.3181,
0.2584

 45.0156, 0.3190,
0.2471

Harmonies

Analogous

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



25.6807, 0.3698, 0.4496



25.6807, 0.3058, 0.4374



25.6807, 0.2470, 0.3833

Triad

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



25.6807, 0.3058, 0.4374



25.6807, 0.2098, 0.2315



25.6807, 0.4285, 0.3269

Complementary

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



25.6807, 0.3058, 0.4374



16.8794, 0.3196, 0.2403

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.



25.6807, 0.3762, 0.2806



25.6807, 0.3058, 0.4374



25.6807, 0.2486, 0.2278

Square

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



25.6807, 0.3058, 0.4374



25.6807, 0.1960, 0.2600



25.6807, 0.3084, 0.2455



25.6807, 0.4447, 0.3773

Rectangle

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



25.6807, 0.3058, 0.4374



25.6807, 0.2184, 0.3367



25.6807, 0.3084, 0.2455



25.6807, 0.4144, 0.3107

Sweetspot

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



25.6818, 0.3058, 0.4374



51.8382, 0.3108, 0.3563



29.7572, 0.3662, 0.4217



11.7001, 0.3106, 0.3595



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.



25.6818, 0.3058, 0.4374



43.8118, 0.3042, 0.4670



26.3160, 0.2820, 0.3798



6.9289, 0.3112, 0.3511



18.8400, 0.2992, 0.5969



0.2825, 0.2950, 0.5819

Inverse Universe

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



16.8794, 0.3196, 0.2403



25.9561, 0.3213, 0.2214



16.0599, 0.3605, 0.2838



6.3199, 0.3142, 0.3078



7.3567, 0.3296, 0.1589



0.1110, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 25.6807, 0.3058, 0.4374 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 25.6807, 0.3058, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

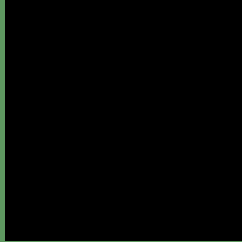
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6807, 0.3058, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 25.6807, 0.3058, 0.4374.



This preview shows how white text looks on a background with the Yxy color 25.6807, 0.3058, 0.4374.

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

25.6807, 0.3058, 0.4374

Protanopia

25.3992, 0.3777, 0.4080

Deuteranopia

25.3151, 0.3874, 0.3792



Tritanopia

25.7153, 0.2658, 0.3097

Trichromacy



Original Color

25.6807, 0.3058, 0.4374

Protanomaly

25.1635, 0.3493, 0.4194

Deuteranomaly

24.8551, 0.3546, 0.3982

Tritanomaly

25.7258, 0.2808, 0.3546

Monochromacy



Original Color

25.6807, 0.3058, 0.4374

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.8653, 0.3109, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6807, 0.3058, 0.4374 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(94, 152, 96)` looks like.

```
.text, #text, p{  
    color:rgb(94, 152, 96)  
}
```

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(94, 152, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 152, 96) }
```

Border

The CSS property to change the border of an element to Yxy 25.6807, 0.3058, 0.4374 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(94, 152, 96) }
```

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

```
.border{ border-color:rgb(94, 152, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 152, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 152, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 152, 96);  
box-shadow:4px 4px 4px 4px rgb(94, 152,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6807, 0.3058, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 152, 96) }
```

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

```
.background{ background-color: rgb(94, 152,  
96) }
```

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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