

Converting Colors

$Yxy(25.5314, 0.2777, 0.5099)$

Have a look what the booklet for
Yxy(25.5314, 0.2777, 0.5099)
contains.

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Color

Yxy(25.4008, 0.2775, 0.5090)

Conversions

Conversions Part 1

Format	Color
Hex	109F4A
RGB	16, 159, 74
RGB Percent	6%, 62%, 29%
CMY	0.9373, 0.3765, 0.7097
CMYK	0.90, 0.00, 0.53, 0.38
HSL	144°, 82%, 34%
HSV	144°, 90%, 62%
XYZ	13.8482, 25.4008, 10.6544
YIQ	106.5530, -57.9430, -56.7510

Conversions

Conversions Part 2

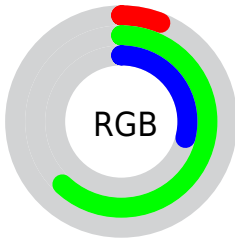
Format	Color
RYB	16, 118, 159
Decimal	1089354
CIELab	57.46, -53.55, 34.50
CIElCh	57, 63.705, 147.210
Yxy	25.4008, 0.2775, 0.5090
Android (android.graphics.Color)	4279279434 (0xFF109F4A)
YUV	106.5530, -16.0486, -79.4150
Hunter-Lab	50.3992, -39.1522, 22.7456

Details

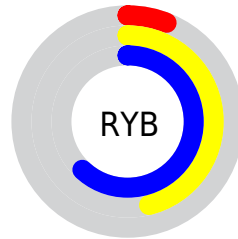
The Yxy color **25.4008, 0.2775, 0.5090** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **8.6809, 0.4360, 0.2248**, and the grayscale version is **14.6306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4087, 0.2884, 0.4649**, and **10.3783, 0.2904, 0.5656** is the 20% darker color. If you saturate the color by 10%, you get **25.1743, 0.2802, 0.5288**, and if you desaturate by 10%, it is **25.7343, 0.2760, 0.4876**.

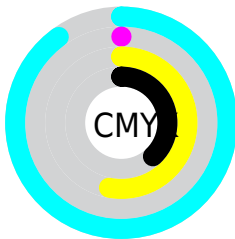
Distribution



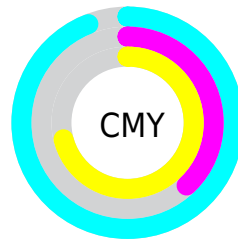
- Red (6%)
- Green (62%)
- Blue (29%)



- Red (6%)
- Yellow (46%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (38%)





- Cyan (94%)
- Magenta (38%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4008, 0.2775, 0.5090 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 25.4008, 0.2775, 0.5090 by changing the saturation by 10% instead.


 25.4008, 0.2775,
0.5090


 25.4008, 0.2775,
0.5090


279.8281, 0.3016,
0.4023


 16.3759, 0.2681,
0.5423


 52.3067, 0.2884,
0.4655


 9.7906, 0.2534,
0.5894


 70.9565, 0.2918,
0.4507


 5.2603, 0.2282,
0.6592

 93.5834, 0.2944,
0.4387

 2.4008, 0.1809,
0.8191

 120.5718, 0.2965,
0.4288

 0.8263, 0.0000,
1.0000

 152.3060, 0.2982,
0.4206

 0.0000, 0.0000,
0.0000

 189.1706, 0.2995,

0.4135

231.5498, 0.3007,
0.4075

■ 25.4008, 0.2775,
0.5090

■ 25.4008, 0.2775,
0.5090

■ 25.1743, 0.2802,
0.5288

■ 25.7343, 0.2760,
0.4876

■ 25.1731, 0.2803,
0.5289

■ 26.2093, 0.2764,
0.4650

■ 26.8435, 0.2785,
0.4422

■ 27.6508, 0.2822,
0.4198

■ 28.6437, 0.2870,
0.3984

■ 29.8334, 0.2928,
0.3785

■ 31.2302, 0.2992,
0.3602

■ 32.8439, 0.3059,
0.3437

■ 34.6834, 0.3128,
0.3289

Harmonies

Analogous

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



25.4008, 0.3754, 0.5276



25.4008, 0.2775, 0.5090



25.4008, 0.1943, 0.4007

Triad

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



25.4008, 0.2775, 0.5090



25.4008, 0.1644, 0.1781



25.4008, 0.5099, 0.3274

Complementary

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



25.4008, 0.2775, 0.5090



8.6809, 0.4360, 0.2248

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.



25.4008, 0.4313, 0.2620



25.4008, 0.2775, 0.5090



25.4008, 0.2235, 0.1806

Square

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



25.4008, 0.2775, 0.5090



25.4008, 0.1398, 0.2080



25.4008, 0.3190, 0.2100



25.4008, 0.5173, 0.3991

Rectangle

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



25.4008, 0.2775, 0.5090



25.4008, 0.1590, 0.3173



25.4008, 0.3190, 0.2100



25.4008, 0.4907, 0.3047

Sweetspot

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



25.4018, 0.2775, 0.5090



53.9993, 0.2943, 0.3739



27.6476, 0.3556, 0.5477



12.0055, 0.2923, 0.3799



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.



25.4018, 0.2775, 0.5090



45.0449, 0.2812, 0.5323



26.9423, 0.2342, 0.3565



7.4434, 0.3064, 0.3426



19.8898, 0.2798, 0.5273



0.3638, 0.2580, 0.4489

Inverse Universe

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



8.6809, 0.4360, 0.2248



14.6244, 0.4576, 0.2295



7.8369, 0.5998, 0.3193



6.7090, 0.3196, 0.3158



6.4755, 0.4530, 0.2269



0.1240, 0.3888, 0.1915

Previews

White Background



This preview shows how the Yxy color 25.4008, 0.2775, 0.5090 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 25.4008, 0.2775, 0.5090 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 25.4008, 0.2775, 0.5090

Background



This preview shows how black text looks on a background with the Yxy color 25.4008, 0.2775, 0.5090.



This preview shows how white text looks on a background with the Yxy color 25.4008, 0.2775, 0.5090.

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

25.4008, 0.2775, 0.5090

Protanopia

24.9720, 0.4033, 0.4396

Deuteranopia

24.9337, 0.4117, 0.4053



Tritanopia

25.4781, 0.2346, 0.3069

Trichromacy



Original Color

25.4008, 0.2775, 0.5090



Protanomaly

23.5766, 0.3374, 0.4729



Deuteranomaly

22.9793, 0.3412, 0.4492



Tritanomaly

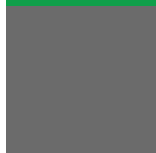
24.9750, 0.2485, 0.3751

Monochromacy



Original Color

25.4008, 0.2775, 0.5090



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

17.2038, 0.2869, 0.3996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4008, 0.2775, 0.5090 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(16, 159, 74)` looks like.

```
.text, #text, p{  
    color:rgb(16, 159, 74)  
}
```

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(16, 159, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 159, 74) }
```

Border

The CSS property to change the border of an element to Yxy 25.4008, 0.2775, 0.5090 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(16, 159, 74) }
```

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

```
.border{ border-color:rgb(16, 159, 74) }
```

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

Here you see how a box with a 4 pixel rgb(16, 159, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 159, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 159, 74);  
box-shadow:4px 4px 4px 4px rgb(16, 159,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4008, 0.2775, 0.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 159, 74) }
```

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

```
.background{ background-color: rgb(16, 159,  
74) }
```

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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