

Converting Colors

$Yxy(25.7539, 0.3024, 0.4816)$

Have a look what the booklet for
Yxy(25.7539, 0.3024, 0.4816)
contains.

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Color

Yxy(25.8373, 0.3024, 0.4823)

Conversions

Conversions Part 1

Format	Color
Hex	4B9C4F
RGB	75, 156, 79
RGB Percent	29%, 61%, 31%
CMY	0.7060, 0.3882, 0.6901
CMYK	0.52, 0.00, 0.49, 0.39
HSL	123°, 35%, 45%
HSV	123°, 52%, 61%
XYZ	16.1999, 25.8373, 11.5338
YIQ	123.0030, -23.5590, -41.1190

Conversions

Conversions Part 2

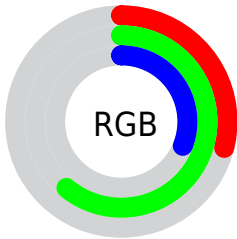
Format	Color
RYB	75, 152, 156
Decimal	4955215
CIELab	57.88, -41.24, 32.75
CIElCh	58, 52.660, 141.541
Yxy	25.8373, 0.3024, 0.4823
Android (android.graphics.Color)	4283145295 (0xFF4B9C4F)
YUV	123.0030, -21.6935, -42.0986
Hunter-Lab	50.8304, -32.0645, 22.1279

Details

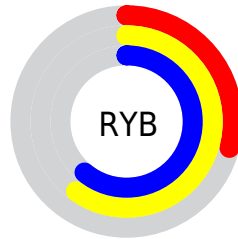
The Yxy color **25.8373, 0.3024, 0.4823** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.3614, 0.3240, 0.2126**, and the grayscale version is **19.8853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9461, 0.3073, 0.4453**, and **10.0641, 0.2901, 0.5486** is the 20% darker color. If you saturate the color by 10%, you get **25.0926, 0.3008, 0.5153**, and if you desaturate by 10%, it is **26.7866, 0.3043, 0.4485**.

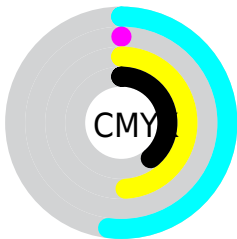
Distribution



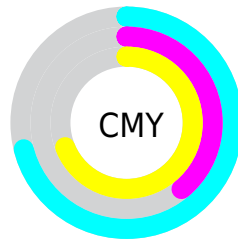
- Red (29%)
- Green (61%)
- Blue (31%)



- Red (29%)
- Yellow (60%)
- Blue (61%)



- Cyan (52%)
- Magenta (0%)
- Yellow (49%)
- Black (39%)




- Cyan (71%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8373, 0.3024, 0.4823 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 25.8373, 0.3024, 0.4823 by changing the saturation by 10% instead.


 25.8373, 0.3024,
0.4823


 25.8373, 0.3024,
0.4823


281.9825, 0.3117,
0.3928


 16.7020, 0.2978,
0.5097


 53.0124, 0.3072,
0.4462


 10.0222, 0.2899,
0.5482


 71.8209, 0.3085,
0.4338

 5.4137, 0.2749,
0.6049

 94.6225, 0.3095,
0.4237

 2.4920, 0.2600,
0.7400

 121.8018, 0.3102,
0.4153

 0.8726, 0.0000,
1.0000

 153.7430, 0.3107,
0.4083

 0.0000, 0.0000,
0.0000

190.8306, 0.3111,

0.4024

233.4490, 0.3114,
0.3972

■ 25.8373, 0.3024,
0.4823

■ 25.8373, 0.3024,
0.4823

■ 25.0926, 0.3008,
0.5153

■ 26.7866, 0.3043,
0.4485

■ 24.5343, 0.2996,
0.5454

■ 27.9503, 0.3064,
0.4158

■ 24.1471, 0.2991,
0.5700

■ 29.3418, 0.3084,
0.3853

■ 23.9110, 0.2990,
0.5874

■ 30.9723, 0.3105,
0.3578

■ 23.7962, 0.2989,
0.5961

■ 32.8523, 0.3124,
0.3334

■ 34.9915, 0.3141,
0.3121

■ 37.3994, 0.3157,
0.2936

■ 40.0848, 0.3172,
0.2776

■ 43.0562, 0.3185,
0.2639

Harmonies

Analogous

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



25.8373, 0.3858, 0.4898



25.8373, 0.3024, 0.4823



25.8373, 0.2263, 0.4068

Triad

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



25.8373, 0.3024, 0.4823



25.8373, 0.1791, 0.2029



25.8373, 0.4673, 0.3201

Complementary

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



25.8373, 0.3024, 0.4823



14.3614, 0.3240, 0.2126

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.



25.8373, 0.3943, 0.2634



25.8373, 0.3024, 0.4823



25.8373, 0.2258, 0.1990

Square

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



25.8373, 0.3024, 0.4823



25.8373, 0.1630, 0.2374



25.8373, 0.3022, 0.2206



25.8373, 0.4882, 0.3829

Rectangle

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



25.8373, 0.3024, 0.4823



25.8373, 0.1902, 0.3400



25.8373, 0.3022, 0.2206



25.8373, 0.4476, 0.3001

Sweetspot

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



25.8384, 0.3024, 0.4823



54.9010, 0.3096, 0.3694



30.9576, 0.3821, 0.4532



11.9582, 0.3092, 0.3746



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.



25.8384, 0.3024, 0.4823



45.4229, 0.3006, 0.5194



26.6184, 0.2726, 0.3998



7.4062, 0.3110, 0.3509



19.6006, 0.2988, 0.5957



0.3519, 0.2931, 0.5753

Inverse Universe

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



14.3614, 0.3240, 0.2126



22.2803, 0.3266, 0.1928



13.2533, 0.3895, 0.2700



6.7488, 0.3145, 0.3080



7.5896, 0.3336, 0.1611



0.1373, 0.3281, 0.1581

Previews

White Background



This preview shows how the Yxy color 25.8373, 0.3024, 0.4823 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 25.8373, 0.3024, 0.4823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

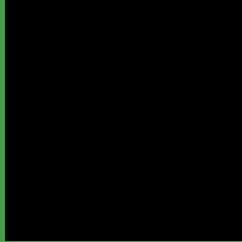
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8373, 0.3024, 0.4823

Background



This preview shows how black text looks on a background with the Yxy color 25.8373, 0.3024, 0.4823.



This preview shows how white text looks on a background with the Yxy color 25.8373, 0.3024, 0.4823.

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

25.8373, 0.3024, 0.4823

Protanopia

25.3334, 0.3970, 0.4327

Deuteranopia

25.3739, 0.4078, 0.4006



Tritanopia

25.6978, 0.2538, 0.3076

Trichromacy



Original Color

25.8373, 0.3024, 0.4823

Protanomaly

25.0439, 0.3570, 0.4537

Deuteranomaly

24.7426, 0.3637, 0.4302

Tritanomaly

25.4028, 0.2713, 0.3670

Monochromacy



Original Color

25.8373, 0.3024, 0.4823

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.4537, 0.3090, 0.3841

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8373, 0.3024, 0.4823 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(75, 156, 79)` looks like.

```
.text, #text, p{  
    color:rgb(75, 156, 79)  
}
```

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(75, 156, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 156, 79) }
```

Border

The CSS property to change the border of an element to Yxy 25.8373, 0.3024, 0.4823 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(75, 156, 79) }
```

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

```
.border{ border-color:rgb(75, 156, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 156, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 156, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 156, 79);  
box-shadow:4px 4px 4px 4px rgb(75, 156,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8373, 0.3024, 0.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 156, 79) }
```

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

```
.background{ background-color: rgb(75, 156,  
79) }
```

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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