

Converting Colors

$Y_{xy}(25.9942, 0.3035, 0.4675)$

Have a look what the booklet for
Yxy(25.9942, 0.3035, 0.4675)
contains.

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Color

Yxy(25.8924, 0.3038, 0.4671)

Conversions

Conversions Part 1

Format	Color
Hex	529B55
RGB	82, 155, 85
RGB Percent	32%, 61%, 33%
CMY	0.6784, 0.3921, 0.6668
CMYK	0.47, 0.00, 0.45, 0.39
HSL	122°, 31%, 46%
HSV	122°, 47%, 61%
XYZ	16.8403, 25.8924, 12.6995
YIQ	125.1930, -21.0380, -37.2460

Conversions

Conversions Part 2

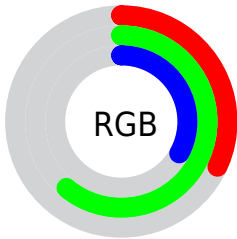
Format	Color
R_{YB}	82, 152, 155
Decimal	5413717
CIE _{Lab}	57.93, -37.86, 29.76
CIE _{LCh}	58, 48.151, 141.832
Yxy	25.8924, 0.3038, 0.4671
Android (android.graphics.Color)	4283603797 (0xFF529B55)
YUV	125.1930, -19.8151, -37.8803
Hunter-Lab	50.8846, -29.9732, 20.8219

Details

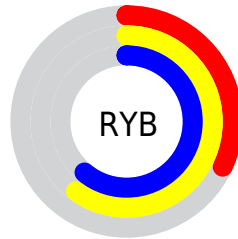
The Yxy color **25.8924, 0.3038, 0.4671** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.2725, 0.3219, 0.2214**, and the grayscale version is **20.6503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1050, 0.3078, 0.4342**, and **10.0471, 0.2928, 0.5253** is the 20% darker color. If you saturate the color by 10%, you get **25.0633, 0.3021, 0.5010**, and if you desaturate by 10%, it is **26.9303, 0.3057, 0.4334**.

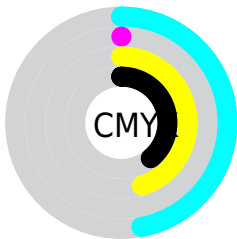
Distribution



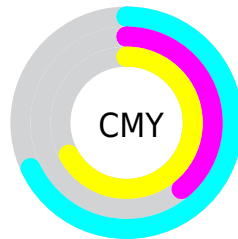
- Red (32%)
- Green (61%)
- Blue (33%)



- Red (32%)
- Yellow (60%)
- Blue (61%)



- Cyan (47%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)





- Cyan (68%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8924, 0.3038, 0.4671 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 25.8924, 0.3038, 0.4671 by changing the saturation by 10% instead.


 25.8924, 0.3038,
0.4671


 25.8924, 0.3038,
0.4671


282.2535, 0.3116,
0.3868

 16.7432, 0.3000,
0.4917


 53.1013, 0.3078,
0.4347

 10.0515, 0.2935,
0.5263


 71.9298, 0.3089,
0.4236

 5.4331, 0.2813,
0.5779


 94.7534, 0.3097,
0.4145

 2.5036, 0.2726,
0.7044

 121.9567, 0.3103,
0.4070

 0.8784, 0.0000,
1.0000

 153.9239, 0.3108,
0.4008

 0.0000, 0.0000,
0.0000

191.0395, 0.3111,

0.3954

233.6879, 0.3114,
0.3908

■ 25.8924, 0.3038,
0.4671

■ 25.8924, 0.3038,
0.4671

■ 25.0633, 0.3021,
0.5010

■ 26.9303, 0.3057,
0.4334

■ 24.4259, 0.3007,
0.5328

■ 28.1863, 0.3077,
0.4013

■ 23.9658, 0.2997,
0.5602

■ 29.6731, 0.3096,
0.3720

■ 23.6650, 0.2993,
0.5810


■ 31.4014, 0.3115,
0.3457


■ 23.4962, 0.2993,
0.5941


■ 33.3813, 0.3132,
0.3226

 23.4577, 0.2991,
0.5968

 35.6223, 0.3148,
0.3025

 38.1335, 0.3162,
0.2852

 40.9233, 0.3174,
0.2702

 44.0001, 0.3185,
0.2574

Harmonies

Analogous

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



25.8924, 0.3810, 0.4768



25.8924, 0.3038, 0.4671



25.8924, 0.2332, 0.3988

Triad

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



25.8924, 0.3038, 0.4671



25.8924, 0.1889, 0.2121



25.8924, 0.4545, 0.3225

Complementary

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



25.8924, 0.3038, 0.4671



15.2725, 0.3219, 0.2214

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.



25.8924, 0.3884, 0.2690



25.8924, 0.3038, 0.4671



25.8924, 0.2332, 0.2082

Square

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



25.8924, 0.3038, 0.4671



25.8924, 0.1734, 0.2449



25.8924, 0.3043, 0.2286



25.8924, 0.4741, 0.3816

Rectangle

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



25.8924, 0.3038, 0.4671



25.8924, 0.1993, 0.3390



25.8924, 0.3043, 0.2286



25.8924, 0.4366, 0.3037

Sweetspot

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



25.8935, 0.3038, 0.4671



53.9673, 0.3102, 0.3642



30.7837, 0.3778, 0.4421



12.0799, 0.3098, 0.3698



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.



25.8935, 0.3038, 0.4671



44.7521, 0.3019, 0.5044



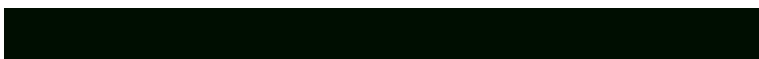
26.6169, 0.2763, 0.3944



6.9295, 0.3111, 0.3510



18.8418, 0.2990, 0.5964



0.2826, 0.2942, 0.5790

Inverse Universe

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



15.2725, 0.3219, 0.2214



23.2565, 0.3242, 0.2003



14.2671, 0.3771, 0.2732



6.3193, 0.3143, 0.3079



7.3335, 0.3311, 0.1598



0.1108, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 25.8924, 0.3038, 0.4671 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 25.8924, 0.3038, 0.4671 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 25.8924, 0.3038, 0.4671

Background



This preview shows how black text looks on a background with the Yxy color 25.8924, 0.3038, 0.4671.



This preview shows how white text looks on a background with the Yxy color 25.8924, 0.3038, 0.4671.

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

25.8924, 0.3038, 0.4671

Protanopia

25.7052, 0.3905, 0.4255

Deuteranopia

25.3477, 0.4011, 0.3938



Tritanopia

25.9327, 0.2583, 0.3095

Trichromacy



Original Color

25.8924, 0.3038, 0.4671

Protanomaly

25.3569, 0.3552, 0.4423

Deuteranomaly

24.6116, 0.3605, 0.4199

Tritanomaly

25.7267, 0.2752, 0.3646

Monochromacy



Original Color

25.8924, 0.3038, 0.4671

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.9853, 0.3093, 0.3793

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8924, 0.3038, 0.4671 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(82, 155, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 155, 85)  
}
```

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(82, 155, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 155, 85) }
```

Border

The CSS property to change the border of an element to Yxy 25.8924, 0.3038, 0.4671 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(82, 155, 85) }
```

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

```
.border{ border-color:rgb(82, 155, 85) }
```

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

Here you see how a box with a 4 pixel rgb(82, 155, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 155, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 155, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 155,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8924, 0.3038, 0.4671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 155, 85) }
```

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

```
.background{ background-color: rgb(82, 155,  
85) }
```

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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