

Converting Colors

$Yxy(25.6486, 0.3055, 0.5054)$

Have a look what the booklet for
Yxy(25.6486, 0.3055, 0.5054)
contains.

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Color

Yxy(25.7965, 0.3051, 0.5060)

Conversions

Conversions Part 1

Format	Color
Hex	459D44
RGB	69, 157, 68
RGB Percent	27%, 62%, 27%
CMY	0.7295, 0.3843, 0.7333
CMYK	0.56, 0.00, 0.57, 0.38
HSL	119°, 40%, 44%
HSV	119°, 57%, 62%
XYZ	15.5544, 25.7965, 9.6304
YIQ	120.5420, -23.8790, -46.3350

Conversions

Conversions Part 2

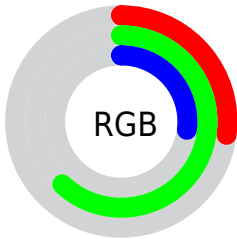
Format	Color
R_{YB}	68, 157, 156
Decimal	4562244
CIE _{Lab}	57.84, -44.80, 38.21
CIE _{LCh}	58, 58.880, 139.542
Yxy	25.7965, 0.3051, 0.5060
Android (android.graphics.Color)	4282752324 (0xFF459D44)
YUV	120.5420, -25.9032, -45.2023
Hunter-Lab	50.7903, -34.2178, 24.3112

Details

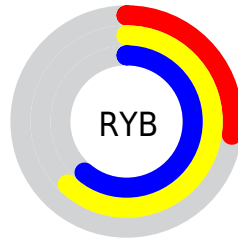
The Yxy color **25.7965, 0.3051, 0.5060** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **13.6414, 0.3175, 0.1980**, and the grayscale version is **19.0560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7789, 0.3102, 0.4634**, and **10.1436, 0.2942, 0.5792** is the 20% darker color. If you saturate the color by 10%, you get **25.1354, 0.3036, 0.5382**, and if you desaturate by 10%, it is **26.6597, 0.3067, 0.4713**.

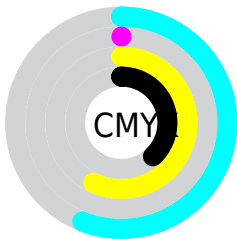
Distribution



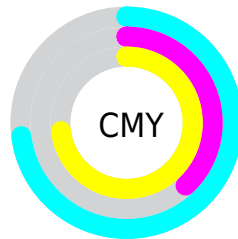
- Red (27%)
- Green (62%)
- Blue (27%)



- Red (27%)
- Yellow (62%)
- Blue (61%)



- Cyan (56%)
- Magenta (0%)
- Yellow (57%)
- Black (38%)





- Cyan (73%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7965, 0.3051, 0.5060 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 25.7965, 0.3051, 0.5060 by changing the saturation by 10% instead.


 25.7965, 0.3051,
0.5060


 25.7965, 0.3051,
0.5060


281.7817, 0.3142,
0.4024


 16.6715, 0.2997,
0.5374


 52.9465, 0.3103,
0.4643

 10.0005, 0.2902,
0.5810


 71.7402, 0.3117,
0.4499


 5.3993, 0.2725,
0.6456

 94.5256, 0.3125,
0.4382

 2.4834, 0.2399,
0.7601

 121.6871, 0.3131,
0.4286

 0.8683, 0.0000,
1.0000

 153.6090, 0.3136,
0.4205

 0.0000, 0.0000,
0.0000

190.6759, 0.3139,

0.4135

233.2719, 0.3141,
0.4076

■ 25.7965, 0.3051,
0.5060

■ 25.7965, 0.3051,
0.5060

■ 25.1354, 0.3036,
0.5382

■ 26.6597, 0.3067,
0.4713

■ 24.6572, 0.3022,
0.5652

■ 27.7360, 0.3082,
0.4364

■ 24.3442, 0.3011,
0.5849

■ 29.0397, 0.3097,
0.4032

■ 24.1710, 0.3004,
0.5966

■ 30.5825, 0.3109,
0.3727

■ 24.1263, 0.3003,
0.5998

■ 32.3757, 0.3121,
0.3454

■ 34.4298, 0.3130,
0.3214

■ 36.7545, 0.3138,
0.3006

■ 39.3592, 0.3145,
0.2826

■ 42.2527, 0.3151,
0.2672

Harmonies

Analogous

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



25.7965, 0.3963, 0.5050



25.7965, 0.3051, 0.5060



25.7965, 0.2208, 0.4242

Triad

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



25.7965, 0.3051, 0.5060



25.7965, 0.1647, 0.1919



25.7965, 0.4815, 0.3128

Complementary

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



25.7965, 0.3051, 0.5060



13.6414, 0.3175, 0.1980

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.



25.7965, 0.3967, 0.2528



25.7965, 0.3051, 0.5060



25.7965, 0.2123, 0.1865

Square

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



25.7965, 0.3051, 0.5060



25.7965, 0.1493, 0.2305



25.7965, 0.2937, 0.2082



25.7965, 0.5074, 0.3800

Rectangle

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



25.7965, 0.3051, 0.5060



25.7965, 0.1805, 0.3474



25.7965, 0.2937, 0.2082



25.7965, 0.4583, 0.2917

Sweetspot

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



25.7976, 0.3051, 0.5060



54.5750, 0.3109, 0.3745



31.2023, 0.3932, 0.4586



11.8918, 0.3106, 0.3799



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.



25.7976, 0.3051, 0.5060



44.7568, 0.3032, 0.5459



26.4930, 0.2746, 0.4202



7.4043, 0.3118, 0.3521



19.5950, 0.3003, 0.5997



0.3513, 0.3019, 0.5985

Inverse Universe

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



13.6414, 0.3175, 0.1980



20.7962, 0.3180, 0.1773



12.5193, 0.3891, 0.2562



6.7509, 0.3136, 0.3069



7.6606, 0.3183, 0.1527



0.1380, 0.3194, 0.1533

Previews

White Background



This preview shows how the Yxy color 25.7965, 0.3051, 0.5060 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 25.7965, 0.3051, 0.5060 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 25.7965, 0.3051, 0.5060

Background



This preview shows how black text looks on a background with the Yxy color 25.7965, 0.3051, 0.5060.



This preview shows how white text looks on a background with the Yxy color 25.7965, 0.3051, 0.5060.

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

25.7965, 0.3051, 0.5060

Protanopia

25.2971, 0.4079, 0.4468

Deuteranopia

25.4455, 0.4206, 0.4135



Tritanopia

25.5443, 0.2517, 0.3075

Trichromacy



Original Color

25.7965, 0.3051, 0.5060

Protanomaly

24.7585, 0.3637, 0.4720

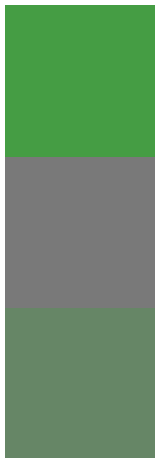
Deuteranomaly

24.5042, 0.3726, 0.4483

Tritanomaly

25.4334, 0.2716, 0.3772

Monochromacy



Original Color

25.7965, 0.3051, 0.5060

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.8343, 0.3097, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7965, 0.3051, 0.5060 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(69, 157, 68)` looks like.

```
.text, #text, p{  
    color:rgb(69, 157, 68)  
}
```

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(69, 157, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 157, 68) }
```

Border

The CSS property to change the border of an element to Yxy 25.7965, 0.3051, 0.5060 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(69, 157, 68) }
```

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

```
.border{ border-color:rgb(69, 157, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 157, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 157, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 157, 68);  
box-shadow:4px 4px 4px 4px rgb(69, 157,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7965, 0.3051, 0.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 157, 68) }
```

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

```
.background{ background-color: rgb(69, 157,  
68) }
```

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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