

Converting Colors

$Y_{xy}(25.6818, 0.3430, 0.5061)$

Have a look what the booklet for
Yxy(25.6818, 0.3430, 0.5061)
contains.

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Color

$Y_{xy}(25.8250, 0.3424, 0.5068)$

Conversions

Conversions Part 1

Format	Color
Hex	659937
RGB	101, 153, 55
RGB Percent	40%, 60%, 22%
CMY	0.6040, 0.4000, 0.7842
CMYK	0.34, 0.00, 0.64, 0.40
HSL	92°, 47%, 41%
HSV	92°, 64%, 60%
XYZ	17.4477, 25.8250, 7.6843
YIQ	126.2800, 0.4660, -41.5020

Conversions

Conversions Part 2

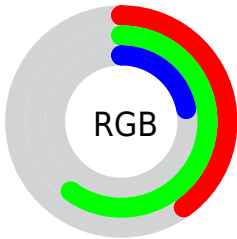
Format	Color
RYB	55, 153, 107
Decimal	6658359
CIELab	57.87, -34.24, 44.71
CIELCh	58, 56.319, 127.447
Yxy	25.8250, 0.3424, 0.5068
Android (android.graphics.Color)	4284848439 (0xFF659937)
YUV	126.2800, -35.1410, -22.1706
Hunter-Lab	50.8183, -27.6468, 26.6075

Details

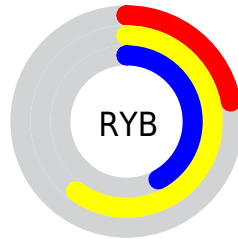
The Yxy color **25.8250, 0.3424, 0.5068** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.1654, 0.2518, 0.1559**, and the grayscale version is **21.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1209, 0.3403, 0.4674**, and **9.9357, 0.3372, 0.5705** is the 20% darker color. If you saturate the color by 10%, you get **25.2554, 0.3423, 0.5314**, and if you desaturate by 10%, it is **26.4887, 0.3406, 0.4791**.

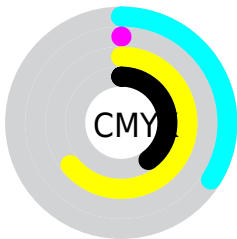
Distribution



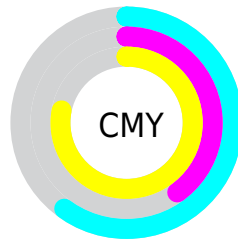
- Red (40%)
- Green (60%)
- Blue (22%)



- Red (22%)
- Yellow (60%)
- Blue (42%)



- Cyan (34%)
- Magenta (0%)
- Yellow (64%)
- Black (40%)




- Cyan (60%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8250, 0.3424, 0.5068 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 25.8250, 0.3424, 0.5068 by changing the saturation by 10% instead.


 25.8250, 0.3424,
0.5068


 25.8250, 0.3424,
0.5068


281.9220, 0.3317,
0.4052


 16.6928, 0.3419,
0.5358


 52.9925, 0.3404,
0.4669

 10.0157, 0.3383,
0.5745


 71.7965, 0.3390,
0.4528


 5.4094, 0.3335,
0.6389

 94.5933, 0.3376,
0.4412

 2.4894, 0.2989,
0.7011

 121.7672, 0.3362,
0.4316

 0.8713, 0.0000,
1.0000

 153.7026, 0.3350,
0.4234

 0.0000, 0.0000,
0.0000

 190.7840, 0.3338,

0.4164

233.3956, 0.3327,
0.4104

■ 25.8250, 0.3424,
0.5068

■ 25.8250, 0.3424,
0.5068

■ 25.2554, 0.3423,
0.5314

■ 26.4887, 0.3406,
0.4791

■ 24.7708, 0.3403,
0.5515

■ 27.2483, 0.3371,
0.4498

■ 24.3658, 0.3362,
0.5661

■ 28.1094, 0.3325,
0.4201

■ 24.1525, 0.3335,
0.5734

■ 29.0765, 0.3271,
0.3913

■ 30.1534, 0.3212,
0.3639

■ 31.3441, 0.3152,
0.3386

■ 32.6520, 0.3091,
0.3154

■ 34.0806, 0.3032,
0.2945

■ 35.6331, 0.2976,
0.2757

Harmonies

Analogous

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



25.8250, 0.4264, 0.4809



25.8250, 0.3424, 0.5068



25.8250, 0.2553, 0.4587

Triad

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



25.8250, 0.3424, 0.5068



25.8250, 0.1600, 0.2078



25.8250, 0.4466, 0.2894

Complementary

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



25.8250, 0.3424, 0.5068



8.1654, 0.2518, 0.1559

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.



25.8250, 0.3531, 0.2359



25.8250, 0.3424, 0.5068



25.8250, 0.1935, 0.1902

Square

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



25.8250, 0.3424, 0.5068



25.8250, 0.1577, 0.2612



25.8250, 0.2595, 0.2009



25.8250, 0.4972, 0.3527

Rectangle

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



25.8250, 0.3424, 0.5068



25.8250, 0.2075, 0.3912



25.8250, 0.2595, 0.2009



25.8250, 0.4182, 0.2700

Sweetspot

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



25.8261, 0.3424, 0.5068



52.9420, 0.3244, 0.3783



17.2860, 0.4491, 0.4097



11.5800, 0.3259, 0.3856



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.



25.8261, 0.3424, 0.5068



44.8187, 0.3417, 0.5410



23.8892, 0.3024, 0.5273



7.0605, 0.3183, 0.3515



19.9801, 0.3340, 0.5730



0.3201, 0.3679, 0.5461

Inverse Universe

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



8.1654, 0.2518, 0.1559



10.5699, 0.2341, 0.1235



11.7554, 0.3218, 0.1880



6.1796, 0.3067, 0.3066



3.3752, 0.2106, 0.0934



0.0721, 0.2571, 0.1190

Previews

White Background



This preview shows how the Yxy color 25.8250, 0.3424, 0.5068 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 25.8250, 0.3424, 0.5068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

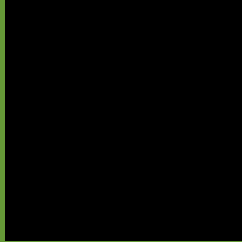
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8250, 0.3424, 0.5068

Background



This preview shows how black text looks on a background with the Yxy color 25.8250, 0.3424, 0.5068.



This preview shows how white text looks on a background with the Yxy color 25.8250, 0.3424, 0.5068.

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

25.8250, 0.3424, 0.5068

Protanopia

25.6728, 0.4178, 0.4594

Deuteranopia

25.5083, 0.4353, 0.4284



Tritanopia

25.6563, 0.2741, 0.3083

Trichromacy



Original Color

25.8250, 0.3424, 0.5068

Protanomaly

25.3453, 0.3885, 0.4783

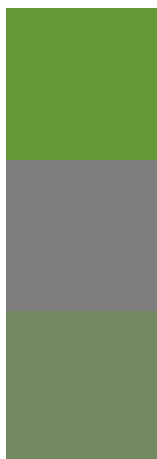
Deuteranomaly

25.1829, 0.4001, 0.4575

Tritanomaly

25.5143, 0.3013, 0.3807

Monochromacy



Original Color

25.8250, 0.3424, 0.5068

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.3103, 0.3285, 0.3974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8250, 0.3424, 0.5068 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(101, 153, 55)` looks like.

```
.text, #text, p{  
    color:rgb(101, 153, 55)  
}
```

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(101, 153, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 153, 55) }
```

Border

The CSS property to change the border of an element to Yxy 25.8250, 0.3424, 0.5068 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(101, 153, 55) }
```

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

```
.border{ border-color:rgb(101, 153, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 153, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 153, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 153, 55);  
box-shadow:4px 4px 4px 4px rgb(101, 153,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8250, 0.3424, 0.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 153, 55) }
```

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

```
.background{ background-color: rgb(101,  
153, 55) }
```

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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