

Converting Colors

$Y_{xy}(25.7585, 0.3653, 0.5482)$

Have a look what the booklet for
Yxy(25.7585, 0.3653, 0.5482)
contains.

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Color

$Yxy(25.7857, 0.3658, 0.5478)$

Conversions

Conversions Part 1

Format	Color
Hex	699900
RGB	105, 153, 0
RGB Percent	41%, 60%, 0%
CMY	0.5881, 0.4000, 1.0000
CMYK	0.31, 0.00, 1.00, 0.40
HSL	79°, 100%, 30%
HSV	79°, 100%, 60%
XYZ	17.2187, 25.7857, 4.0670
YIQ	121.2060, 20.5050, -57.7590

Conversions

Conversions Part 2

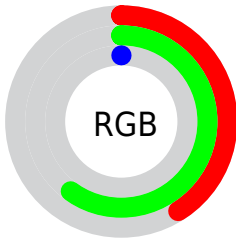
Format	Color
RYB	0, 153, 48
Decimal	6920448
CIELab	57.83, -35.33, 60.44
CIELCh	58, 70.012, 120.307
Yxy	25.7857, 0.3658, 0.5478
Android (android.graphics.Color)	4285110528 (0xFF699900)
YUV	121.2060, -59.7546, -14.2127
Hunter-Lab	50.7796, -28.3373, 30.7972

Details

The Yxy color **25.7857, 0.3658, 0.5478** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.9276, 0.1732, 0.0728**, and the grayscale version is **19.3853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1437, 0.3631, 0.5026**, and **10.1809, 0.3391, 0.5690** is the 20% darker color. If you saturate the color by 10%, you get **25.7870, 0.3658, 0.5478**, and if you desaturate by 10%, it is **26.1212, 0.3683, 0.5378**.

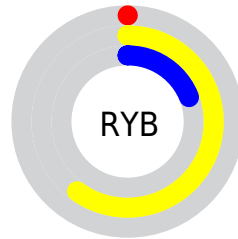
Distribution



Red (41%)

Green (60%)

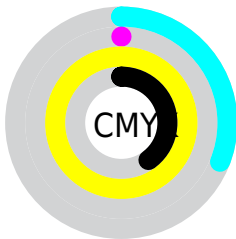
Blue (0%)



Red (0%)

Yellow (60%)

Blue (19%)

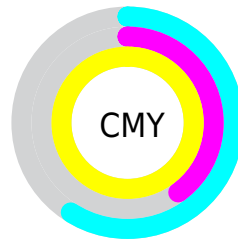


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7857, 0.3658, 0.5478 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 25.7857, 0.3658, 0.5478 by changing the saturation by 10% instead.


 25.7857, 0.3658,
0.5478


 25.7857, 0.3658,
0.5478


281.7285, 0.3477,
0.4267


 16.6634, 0.3640,
0.5783


 52.9290, 0.3631,
0.5025

 9.9948, 0.3591,
0.6201


 71.7188, 0.3607,
0.4856

 5.3955, 0.3381,
0.6619


 94.4999, 0.3582,
0.4716

 2.4811, 0.2925,
0.7075

 121.6567, 0.3558,
0.4597

 0.8672, 0.0000,
1.0000


 153.5735, 0.3535,
0.4496

 0.0000, 0.0000,
0.0000


 190.6349, 0.3514,


0.4409


 233.2251, 0.3495,
0.4333


 25.7857, 0.3658,
0.5478


 25.7857, 0.3658,
0.5478


 25.7870, 0.3658,
0.5478

 26.1212, 0.3683,
0.5378

 26.4982, 0.3690,
0.5242

 26.9302, 0.3673,
0.5060

 27.4224, 0.3633,
0.4840

 27.9791, 0.3573,
0.4592

■ 28.6042, 0.3497,
0.4327

■ 29.3011, 0.3410,
0.4057

■ 30.0731, 0.3317,
0.3789

■ 30.9233, 0.3222,
0.3532

Harmonies

Analogous

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



25.7857, 0.4628, 0.4887



25.7857, 0.3658, 0.5478



25.7857, 0.2617, 0.5202

Triad

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



25.7857, 0.3658, 0.5478



25.7857, 0.1296, 0.1928



25.7857, 0.4536, 0.2628

Complementary

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



25.7857, 0.3658, 0.5478



2.9276, 0.1732, 0.0728

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.



25.7857, 0.3312, 0.2062



25.7857, 0.3658, 0.5478



25.7857, 0.1588, 0.1664

Square

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



25.7857, 0.3658, 0.5478



25.7857, 0.1338, 0.2649



25.7857, 0.2249, 0.1725



25.7857, 0.5317, 0.3320

Rectangle

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



25.7857, 0.3658, 0.5478



25.7857, 0.2011, 0.4405



25.7857, 0.2249, 0.1725



25.7857, 0.4144, 0.2420

Sweetspot

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



25.7870, 0.3658, 0.5478



52.3978, 0.3416, 0.4073



8.7184, 0.5937, 0.3668



11.4610, 0.3450, 0.4177



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.



25.7870, 0.3658, 0.5478



46.0798, 0.3648, 0.5486



23.0674, 0.3076, 0.5940



7.1257, 0.3215, 0.3513



21.3310, 0.3662, 0.5475



0.3380, 0.3909, 0.5278

Inverse Universe

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



2.9276, 0.1732, 0.0728



5.1549, 0.1715, 0.0718



6.4667, 0.2715, 0.1269



6.1156, 0.3034, 0.3063



2.4358, 0.1739, 0.0732



0.0542, 0.2195, 0.0983

Previews

White Background



This preview shows how the Yxy color 25.7857, 0.3658, 0.5478 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 25.7857, 0.3658, 0.5478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

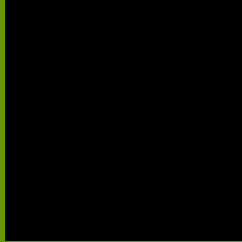
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7857, 0.3658, 0.5478

Background



This preview shows how black text looks on a background with the Yxy color 25.7857, 0.3658, 0.5478.



This preview shows how white text looks on a background with the Yxy color 25.7857, 0.3658, 0.5478.

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

25.7857, 0.3658, 0.5478

Protanopia

25.5332, 0.4396, 0.4892

Deuteranopia

25.3200, 0.4622, 0.4537



Tritanopia

25.6722, 0.2794, 0.3085

Trichromacy



Original Color

25.7857, 0.3658, 0.5478

Protanomaly

25.2649, 0.4110, 0.5118

Deuteranomaly

24.8985, 0.4273, 0.4895

Tritanomaly

25.0844, 0.3259, 0.4180

Monochromacy



Original Color

25.7857, 0.3658, 0.5478

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.9557, 0.3504, 0.4372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7857, 0.3658, 0.5478 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(105, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 0)  
}
```

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(105, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.7857, 0.3658, 0.5478 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(105, 153, 0) }
```

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

```
.border{ border-color:rgb(105, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7857, 0.3658, 0.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 0) }
```

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

```
.background{ background-color: rgb(105,  
153, 0) }
```

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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