

Converting Colors

$Y_{xy}(25.0965, 0.3530, 0.5579)$

Have a look what the booklet for
Yxy(25.0965, 0.3530, 0.5579)
contains.

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Color

Yxy(25.1096, 0.3533, 0.5577)

Conversions

Conversions Part 1

Format	Color
Hex	5D9900
RGB	93, 153, 0
RGB Percent	36%, 60%, 0%
CMY	0.6352, 0.4000, 1.0000
CMYK	0.39, 0.00, 1.00, 0.40
HSL	84°, 100%, 30%
HSV	84°, 100%, 60%
XYZ	15.9068, 25.1096, 4.0071
YIQ	117.6180, 13.3530, -60.3030

Conversions

Conversions Part 2

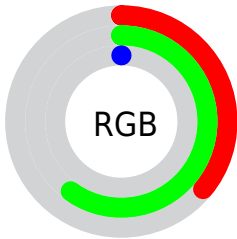
Format	Color
RYB	0, 153, 60
Decimal	6134016
CIELab	57.18, -39.90, 59.65
CIElCh	57, 71.765, 123.778
Yxy	25.1096, 0.3533, 0.5577
Android (android.graphics.Color)	4284324096 (0xFF5D9900)
YUV	117.6180, -57.9857, -21.5900
Hunter-Lab	50.1095, -31.0284, 30.3354

Details

The Yxy color **25.1096, 0.3533, 0.5577** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3.2599, 0.1846, 0.0791**, and the grayscale version is **18.1745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9562, 0.3533, 0.5087**, and **9.6824, 0.3232, 0.5816** is the 20% darker color. If you saturate the color by 10%, you get **25.1108, 0.3533, 0.5577**, and if you desaturate by 10%, it is **25.4716, 0.3568, 0.5466**.

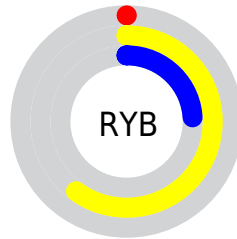
Distribution



Red (36%)

Green (60%)

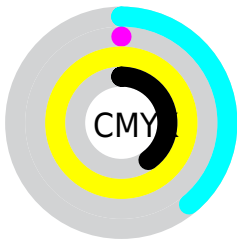
Blue (0%)



Red (0%)

Yellow (60%)

Blue (24%)

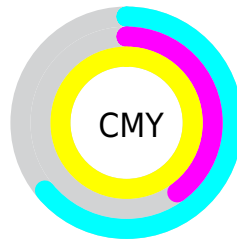


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (64%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1096, 0.3533, 0.5577 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 25.1096, 0.3533, 0.5577 by changing the saturation by 10% instead.


 25.1096, 0.3533,
0.5577


 25.1096, 0.3533,
0.5577


278.3833, 0.3423,
0.4291


 16.1587, 0.3493,
0.5911


 51.8350, 0.3534,
0.5089


 9.6365, 0.3416,
0.6378


 70.3783, 0.3520,
0.4910

 5.1586, 0.3155,
0.6845

 92.8878, 0.3503,
0.4761

 2.3406, 0.2627,
0.7373

 119.7480, 0.3486,
0.4636


 0.7951, 0.0000,
1.0000


 151.3433, 0.3469,
0.4530


 0.0000, 0.0000,
0.0000


 188.0580, 0.3453,

0.4439


 230.2765, 0.3437,
0.4360

 25.1096, 0.3533,
0.5577


 25.1096, 0.3533,
0.5577


 25.1108, 0.3533,
0.5577

 25.4716, 0.3568,
0.5466

 25.8836, 0.3586,
0.5316

 26.3594, 0.3581,
0.5119

 26.9044, 0.3554,
0.4884

 27.5230, 0.3507,
0.4622

■ 28.2195, 0.3445,
0.4346

■ 28.9976, 0.3372,
0.4067

■ 29.8607, 0.3292,
0.3794

■ 30.8121, 0.3210,
0.3533

Harmonies

Analogous

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



25.1096, 0.4550, 0.5009



25.1096, 0.3533, 0.5577



25.1096, 0.2475, 0.5165

Triad

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



25.1096, 0.3533, 0.5577



25.1096, 0.1271, 0.1837



25.1096, 0.4711, 0.2683

Complementary

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



25.1096, 0.3533, 0.5577



3.2599, 0.1846, 0.0791

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.



25.1096, 0.3462, 0.2087



25.1096, 0.3533, 0.5577



25.1096, 0.1606, 0.1616

Square

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



25.1096, 0.3533, 0.5577



25.1096, 0.1270, 0.2506



25.1096, 0.2328, 0.1713



25.1096, 0.5424, 0.3394

Rectangle

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



25.1096, 0.3533, 0.5577



25.1096, 0.1882, 0.4273



25.1096, 0.2328, 0.1713



25.1096, 0.4321, 0.2466

Sweetspot

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



25.1108, 0.3533, 0.5577



51.8445, 0.3376, 0.4083



9.8644, 0.5718, 0.3842



11.3261, 0.3405, 0.4190



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.



25.1108, 0.3533, 0.5577



44.8605, 0.3521, 0.5586



22.9097, 0.3034, 0.5973



7.1020, 0.3203, 0.3514



20.7732, 0.3537, 0.5573



0.3315, 0.3830, 0.5341

Inverse Universe

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



3.2599, 0.1846, 0.0791



5.7375, 0.1827, 0.0780



7.4633, 0.2921, 0.1383



6.1385, 0.3046, 0.3064



2.7125, 0.1853, 0.0795



0.0607, 0.2339, 0.1062

Previews

White Background



This preview shows how the Yxy color 25.1096, 0.3533, 0.5577 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 25.1096, 0.3533, 0.5577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

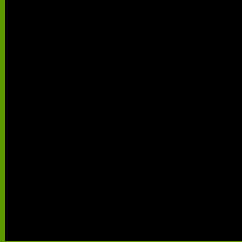
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1096, 0.3533, 0.5577

Background



This preview shows how black text looks on a background with the Yxy color 25.1096, 0.3533, 0.5577.



This preview shows how white text looks on a background with the Yxy color 25.1096, 0.3533, 0.5577.

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

25.1096, 0.3533, 0.5577

Protanopia

24.7613, 0.4398, 0.4890

Deuteranopia

24.8297, 0.4608, 0.4535



Tritanopia

24.9941, 0.2702, 0.3079

Trichromacy



Original Color

25.1096, 0.3533, 0.5577

Protanomaly

24.5505, 0.4062, 0.5157

Deuteranomaly

24.0636, 0.4210, 0.4934

Tritanomaly

24.3827, 0.3143, 0.4213

Monochromacy



Original Color

25.1096, 0.3533, 0.5577

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

19.9918, 0.3459, 0.4406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1096, 0.3533, 0.5577 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(93, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.1096, 0.3533, 0.5577 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(93, 153, 0) }
```

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

```
.border{ border-color:rgb(93, 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(93, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 153, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.1096, 0.3533, 0.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 153, 0) }
```

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

```
.background{ background-color: rgb(93, 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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