

Converting Colors

$Yxy(25.4857, 0.3356, 0.5164)$

Have a look what the booklet for
Yxy(25.4857, 0.3356, 0.5164)
contains.

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Color

Yxy(25.3576, 0.3362, 0.5159)

Conversions

Conversions Part 1

Format	Color
Hex	5D9934
RGB	93, 153, 52
RGB Percent	36%, 60%, 20%
CMY	0.6353, 0.4000, 0.7962
CMYK	0.39, 0.00, 0.66, 0.40
HSL	96°, 49%, 40%
HSV	96°, 66%, 60%
XYZ	16.5250, 25.3576, 7.2696
YIQ	123.5460, -3.3390, -44.1310

Conversions

Conversions Part 2

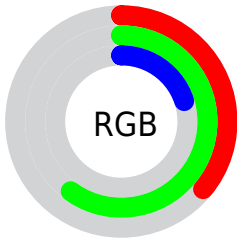
Format	Color
RYB	52, 153, 112
Decimal	6134068
CIELab	57.42, -37.41, 45.45
CIELCh	57, 58.870, 129.456
Yxy	25.3576, 0.3362, 0.5159
Android (android.graphics.Color)	4284324148 (0xFF5D9934)
YUV	123.5460, -35.2722, -26.7888
Hunter-Lab	50.3563, -29.5469, 26.6901

Details

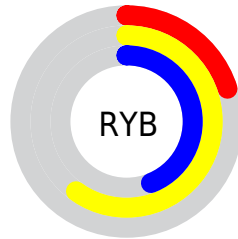
The Yxy color **25.3576, 0.3362, 0.5159** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.1978, 0.2584, 0.1551**, and the grayscale version is **20.1172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2941, 0.3358, 0.4741**, and **9.7194, 0.3253, 0.5799** is the 20% darker color. If you saturate the color by 10%, you get **24.7961, 0.3351, 0.5406**, and if you desaturate by 10%, it is **26.0223, 0.3355, 0.4877**.

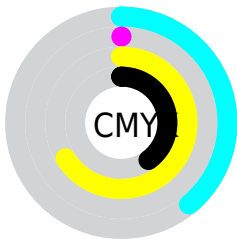
Distribution



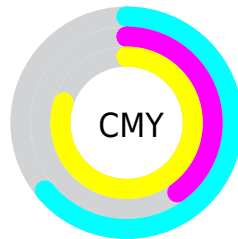
- Red (36%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (44%)



- Cyan (39%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)




- Cyan (64%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3576, 0.3362, 0.5159 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 25.3576, 0.3362, 0.5159 by changing the saturation by 10% instead.

 25.3576, 0.3362,
0.5159


 25.3576, 0.3362,
0.5159


279.6142, 0.3295,
0.4083


 16.3437, 0.3343,
0.5469


 52.2368, 0.3359,
0.4735


 9.7677, 0.3285,
0.5883


 70.8708, 0.3350,
0.4585


 5.2452, 0.3222,
0.6617

 93.4803, 0.3340,
0.4462

 2.3918, 0.2783,
0.7217

 120.4497, 0.3330,
0.4361

 0.8217, 0.0000,
1.0000

 152.1634, 0.3321,
0.4275

 0.0000, 0.0000,
0.0000

 189.0058, 0.3311,

0.4201

231.3612, 0.3303,
0.4138

■ 25.3576, 0.3362,
0.5159

■ 25.3576, 0.3362,
0.5159

■ 24.7961, 0.3351,
0.5406

■ 26.0223, 0.3355,
0.4877

■ 24.3281, 0.3321,
0.5604

■ 26.7928, 0.3333,
0.4576

■ 23.9462, 0.3276,
0.5746

■ 27.6753, 0.3299,
0.4272

■ 23.8120, 0.3258,
0.5795

■ 28.6748, 0.3256,
0.3975

■ 29.7958, 0.3208,
0.3695

■ 31.0425, 0.3158,
0.3435

■ 32.4192, 0.3107,
0.3199

■ 33.9295, 0.3057,
0.2986

■ 35.5772, 0.3009,
0.2796

Harmonies

Analogous

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



25.3576, 0.4248, 0.4905



25.3576, 0.3362, 0.5159



25.3576, 0.2463, 0.4601

Triad

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



25.3576, 0.3362, 0.5159



25.3576, 0.1553, 0.2001



25.3576, 0.4589, 0.2913

Complementary

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



25.3576, 0.3362, 0.5159



8.1978, 0.2584, 0.1551

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.



25.3576, 0.3618, 0.2352



25.3576, 0.3362, 0.5159



25.3576, 0.1919, 0.1845

Square

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



25.3576, 0.3362, 0.5159



25.3576, 0.1506, 0.2522



25.3576, 0.2625, 0.1975



25.3576, 0.5073, 0.3568

Rectangle

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



25.3576, 0.3362, 0.5159



25.3576, 0.1981, 0.3865



25.3576, 0.2625, 0.1975



25.3576, 0.4298, 0.2711

Sweetspot

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



25.3587, 0.3362, 0.5159



52.4538, 0.3230, 0.3815



18.3698, 0.4460, 0.4216



11.4693, 0.3242, 0.3887



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.



25.3587, 0.3362, 0.5159



44.0044, 0.3340, 0.5503



23.8437, 0.2984, 0.5218



7.0419, 0.3174, 0.3516



19.6977, 0.3263, 0.5791



0.3149, 0.3604, 0.5521

Inverse Universe

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



8.1978, 0.2584, 0.1551



10.9173, 0.2428, 0.1255



11.2584, 0.3325, 0.1925



6.1985, 0.3076, 0.3066



3.7535, 0.2238, 0.1007



0.0773, 0.2668, 0.1243

Previews

White Background



This preview shows how the Yxy color 25.3576, 0.3362, 0.5159 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 25.3576, 0.3362, 0.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

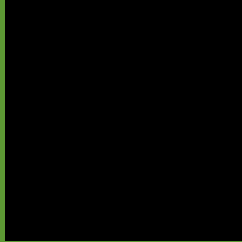
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3576, 0.3362, 0.5159

Background



This preview shows how black text looks on a background with the Yxy color 25.3576, 0.3362, 0.5159.



This preview shows how white text looks on a background with the Yxy color 25.3576, 0.3362, 0.5159.

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

25.3576, 0.3362, 0.5159

Protanopia

24.8770, 0.4196, 0.4615

Deuteranopia

25.0944, 0.4377, 0.4311



Tritanopia

25.2627, 0.2687, 0.3080

Trichromacy



Original Color

25.3576, 0.3362, 0.5159

Protanomaly

24.6920, 0.3865, 0.4836

Deuteranomaly

24.5015, 0.3984, 0.4626

Tritanomaly

25.0590, 0.2954, 0.3837

Monochromacy



Original Color

25.3576, 0.3362, 0.5159

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.7205, 0.3261, 0.4006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3576, 0.3362, 0.5159 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, 52)` looks like.

```
.text, #text, p{  
    color:rgb(93, 153, 52)  
}
```

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, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 153, 52) }
```

Border

The CSS property to change the border of an element to Yxy 25.3576, 0.3362, 0.5159 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, 52) }
```

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

```
.border{ border-color:rgb(93, 153, 52) }
```

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, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 153, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 153, 52);  
box-shadow:4px 4px 4px 4px rgb(93, 153,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3576, 0.3362, 0.5159 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, 52) }
```

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

```
.background{ background-color: rgb(93, 153,  
52) }
```

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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