

Converting Colors

$Y_{xy}(25.0342, 0.3547, 0.4960)$

Have a look what the booklet for
Yxy(25.0342, 0.3547, 0.4960)
contains.

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Color

Yxy(25.1502, 0.3551, 0.4964)

Conversions

Conversions Part 1

Format	Color
Hex	6F9537
RGB	111, 149, 55
RGB Percent	44%, 58%, 22%
CMY	0.5648, 0.4157, 0.7842
CMYK	0.26, 0.00, 0.63, 0.42
HSL	84°, 46%, 40%
HSV	84°, 63%, 58%
XYZ	17.9912, 25.1502, 7.5238
YIQ	126.9220, 7.5260, -37.2900

Conversions

Conversions Part 2

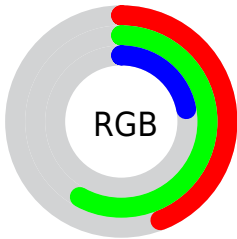
Format	Color
RYB	55, 149, 93
Decimal	7312695
CIELab	57.22, -28.52, 44.17
CIELCh	57, 52.583, 122.852
Yxy	25.1502, 0.3551, 0.4964
Android (android.graphics.Color)	4285502775 (0xFF6F9537)
YUV	126.9220, -35.4575, -13.9636
Hunter-Lab	50.1500, -23.7259, 26.2100

Details

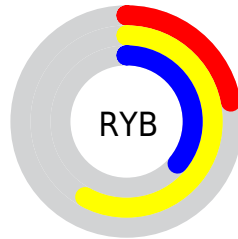
The Yxy color **25.1502, 0.3551, 0.4964** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.2351, 0.2367, 0.1514**, and the grayscale version is **21.3175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7518, 0.3500, 0.4589**, and **9.6652, 0.3551, 0.5562** is the 20% darker color. If you saturate the color by 10%, you get **24.6513, 0.3570, 0.5191**, and if you desaturate by 10%, it is **25.7208, 0.3512, 0.4707**.

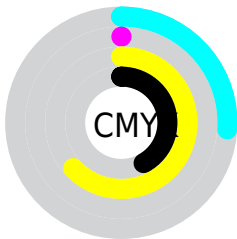
Distribution



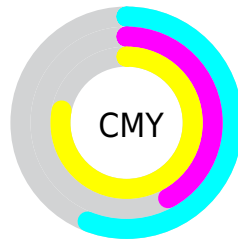
- Red (44%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (36%)



- Cyan (26%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)





- Cyan (56%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1502, 0.3551, 0.4964 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 25.1502, 0.3551, 0.4964 by changing the saturation by 10% instead.


 25.1502, 0.3551,
0.4964


 25.1502, 0.3551,
0.4964

278.5851, 0.3369,
0.4013


 16.1890, 0.3569,
0.5232


 51.9008, 0.3500,
0.4593


 9.6580, 0.3565,
0.5586

 70.4590, 0.3475,
0.4461

 5.1728, 0.3576,
0.6193

 92.9849, 0.3453,
0.4352

 2.3490, 0.3280,
0.6720

 119.8630, 0.3432,
0.4262

 0.7995, 0.0736,
0.9264

 151.4777, 0.3414,
0.4185

 0.0000, 0.0000,
0.0000

 188.2134, 0.3397,

0.4119

230.4544, 0.3382,
0.4063

■ 25.1502, 0.3551,
0.4964

■ 25.1502, 0.3551,
0.4964

■ 24.6513, 0.3570,
0.5191

■ 25.7208, 0.3512,
0.4707

■ 24.2164, 0.3566,
0.5377

■ 26.3639, 0.3456,
0.4432

■ 23.8412, 0.3540,
0.5514

■ 27.0843, 0.3388,
0.4152

■ 23.6067, 0.3515,
0.5591

■ 27.8852, 0.3312,
0.3876

■ 28.7699, 0.3232,
0.3611

■ 29.7412, 0.3152,
0.3363

■ 30.8020, 0.3072,
0.3133

■ 31.9549, 0.2996,
0.2923

■ 33.2023, 0.2924,
0.2733

Harmonies

Analogous

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



25.1502, 0.4324, 0.4664



25.1502, 0.3551, 0.4964



25.1502, 0.2712, 0.4617

Triad

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



25.1502, 0.3551, 0.4964



25.1502, 0.1647, 0.2196



25.1502, 0.4272, 0.2832

Complementary

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



25.1502, 0.3551, 0.4964



7.2351, 0.2367, 0.1514

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.



25.1502, 0.3367, 0.2340



25.1502, 0.3551, 0.4964



25.1502, 0.1923, 0.1974

Square

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



25.1502, 0.3551, 0.4964



25.1502, 0.1674, 0.2769



25.1502, 0.2509, 0.2036



25.1502, 0.4834, 0.3433

Rectangle

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



25.1502, 0.3551, 0.4964



25.1502, 0.2228, 0.4031



25.1502, 0.2509, 0.2036



25.1502, 0.3988, 0.2652

Sweetspot

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



25.1513, 0.3551, 0.4964



50.5001, 0.3283, 0.3777



14.4283, 0.4598, 0.3910



11.1026, 0.3303, 0.3846



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1513, 0.3551, 0.4964



43.7810, 0.3571, 0.5280



22.8774, 0.3102, 0.5226



6.6288, 0.3201, 0.3513



19.8841, 0.3519, 0.5588



0.2606, 0.3828, 0.5343

Inverse Universe

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



7.2351, 0.2367, 0.1514



8.9511, 0.2154, 0.1157



10.4467, 0.3050, 0.1816



5.7407, 0.3048, 0.3066



2.6589, 0.1875, 0.0807



0.0490, 0.2373, 0.1081

Previews

White Background



This preview shows how the Yxy color 25.1502, 0.3551, 0.4964 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 25.1502, 0.3551, 0.4964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

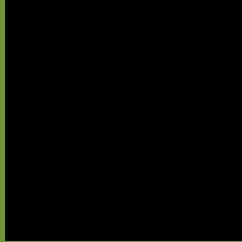
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1502, 0.3551, 0.4964

Background



This preview shows how black text looks on a background with the Yxy color 25.1502, 0.3551, 0.4964.



This preview shows how white text looks on a background with the Yxy color 25.1502, 0.3551, 0.4964.

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

25.1502, 0.3551, 0.4964

Protanopia

24.9116, 0.4168, 0.4573

Deuteranopia

24.8482, 0.4370, 0.4275



Tritanopia

25.2015, 0.2847, 0.3101

Trichromacy



Original Color

25.1502, 0.3551, 0.4964

Protanomaly

24.7101, 0.3940, 0.4715

Deuteranomaly

24.5966, 0.4065, 0.4518

Tritanomaly

24.8278, 0.3136, 0.3782

Monochromacy



Original Color

25.1502, 0.3551, 0.4964

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.3325, 0.3324, 0.3928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1502, 0.3551, 0.4964 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(111, 149, 55)` looks like.

```
.text, #text, p{  
    color:rgb(111, 149, 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(111, 149, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 149, 55) }
```

Border

The CSS property to change the border of an element to Yxy 25.1502, 0.3551, 0.4964 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(111, 149, 55) }
```

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

```
.border{ border-color:rgb(111, 149, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 149, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 149, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 149, 55);  
box-shadow:4px 4px 4px 4px rgb(111, 149,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1502, 0.3551, 0.4964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 149, 55) }
```

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

```
.background{ background-color: rgb(111,  
149, 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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