

Converting Colors

$Y_{xy}(25.1201, 0.4017, 0.5941)$

Have a look what the booklet for
Yxy(25.1201, 0.4017, 0.5941)
contains.

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Color

$Yxy(25.2574, 0.3759, 0.5398)$

Conversions

Conversions Part 1

Format	Color
Hex	709600
RGB	112, 150, 0
RGB Percent	44%, 59%, 0%
CMY	0.5608, 0.4118, 1.0000
CMYK	0.25, 0.00, 1.00, 0.41
HSL	75°, 100%, 29%
HSV	75°, 100%, 59%
XYZ	17.5885, 25.2574, 3.9444
YIQ	121.5380, 25.5020, -54.7060

Conversions

Conversions Part 2

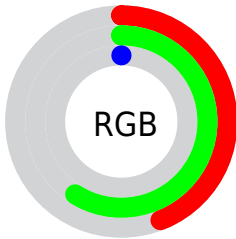
Format	Color
RYB	0, 150, 38
Decimal	7378432
CIELab	57.33, -31.13, 60.25
CIELCh	57, 67.814, 117.327
Yxy	25.2574, 0.3759, 0.5398
Android (android.graphics.Color)	4285568512 (0xFF709600)
YUV	121.5380, -59.9182, -8.3648
Hunter-Lab	50.2567, -25.4792, 30.5263

Details

The Yxy color **25.2574, 0.3759, 0.5398** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6141, 0.1661, 0.0689**, and the grayscale version is **19.4974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9655, 0.3710, 0.4959**, and **9.8232, 0.3527, 0.5582** is the 20% darker color. If you saturate the color by 10%, you get **25.2588, 0.3759, 0.5398**, and if you desaturate by 10%, it is **25.5478, 0.3774, 0.5307**.

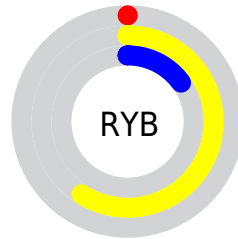
Distribution



Red (44%)

Green (59%)

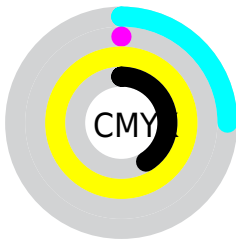
Blue (0%)



Red (0%)

Yellow (59%)

Blue (15%)

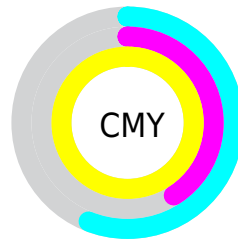


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (56%)


Magenta (41%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2574, 0.3759, 0.5398 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 25.2574, 0.3759, 0.5398 by changing the saturation by 10% instead.


 25.2574, 0.3759,
0.5398


 25.2574, 0.3759,
0.5398


 279.1174, 0.3518,
0.4240


 16.2689, 0.3758,
0.5685


 52.0745, 0.3708,
0.4968


 9.7147, 0.3737,
0.6084


 70.6719, 0.3676,
0.4807

 5.2102, 0.3548,
0.6452

 93.2411, 0.3645,
0.4672

 2.3711, 0.3135,
0.6865

 120.1664, 0.3615,
0.4558


 0.8110, 0.0132,
0.9868

 151.8324, 0.3588,
0.4461

 0.0000, 0.0000,
0.0000

 188.6232, 0.3562,

0.4377


 230.9234, 0.3539,
0.4304


 25.2574, 0.3759,
0.5398

 25.2574, 0.3759,
0.5398


 25.2588, 0.3759,
0.5398

 25.5478, 0.3774,
0.5307

 25.8723, 0.3771,
0.5181

 26.2440, 0.3744,
0.5012

 26.6677, 0.3694,
0.4804

 27.1473, 0.3623,
0.4567

■ 27.6865, 0.3537,
0.4311

■ 28.2885, 0.3440,
0.4048

■ 28.9563, 0.3337,
0.3786

■ 29.6926, 0.3231,
0.3531

Harmonies

Analogous

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



25.2574, 0.4690, 0.4789



25.2574, 0.3759, 0.5398



25.2574, 0.2733, 0.5227

Triad

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



25.2574, 0.3759, 0.5398



25.2574, 0.1317, 0.2005



25.2574, 0.4393, 0.2581

Complementary

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



25.2574, 0.3759, 0.5398



2.6141, 0.1661, 0.0689

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.



25.2574, 0.3193, 0.2041



25.2574, 0.3759, 0.5398



25.2574, 0.1572, 0.1705

Square

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



25.2574, 0.3759, 0.5398



25.2574, 0.1395, 0.2769



25.2574, 0.2185, 0.1735



25.2574, 0.5225, 0.3257

Rectangle

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



25.2574, 0.3759, 0.5398



25.2574, 0.2118, 0.4509



25.2574, 0.2185, 0.1735



25.2574, 0.4001, 0.2380

Sweetspot

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



25.2588, 0.3759, 0.5398



49.8549, 0.3446, 0.4063



7.8388, 0.6050, 0.3578



10.9567, 0.3483, 0.4164



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.



25.2588, 0.3759, 0.5398



44.4880, 0.3750, 0.5404



22.2163, 0.3110, 0.5912



6.6715, 0.3223, 0.3511



20.9639, 0.3762, 0.5395



0.2706, 0.3978, 0.5224

Inverse Universe

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



2.6141, 0.1661, 0.0689



4.5413, 0.1646, 0.0680



5.6799, 0.2594, 0.1202



5.6997, 0.3026, 0.3064



2.1815, 0.1668, 0.0692



0.0390, 0.2085, 0.0923

Previews

White Background



This preview shows how the Yxy color 25.2574, 0.3759, 0.5398 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 25.2574, 0.3759, 0.5398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

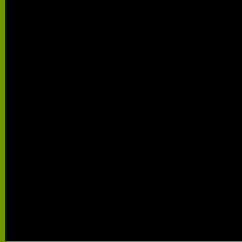
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2574, 0.3759, 0.5398

Background



This preview shows how black text looks on a background with the Yxy color 25.2574, 0.3759, 0.5398.



This preview shows how white text looks on a background with the Yxy color 25.2574, 0.3759, 0.5398.

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

25.2574, 0.3759, 0.5398

Protanopia

25.1455, 0.4397, 0.4891

Deuteranopia

24.9333, 0.4629, 0.4539



Tritanopia

25.1352, 0.2876, 0.3086

Trichromacy



Original Color

25.2574, 0.3759, 0.5398

Protanomaly

24.8350, 0.4157, 0.5081

Deuteranomaly

24.5143, 0.4321, 0.4856

Tritanomaly

24.5544, 0.3351, 0.4152

Monochromacy



Original Color

25.2574, 0.3759, 0.5398

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.9041, 0.3537, 0.4324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2574, 0.3759, 0.5398 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(112, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 150, 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(112, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 150, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.2574, 0.3759, 0.5398 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(112, 150, 0) }
```

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

```
.border{ border-color:rgb(112, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 150,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2574, 0.3759, 0.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 150, 0) }
```

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

```
.background{ background-color: rgb(112,  
150, 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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