

Converting Colors

$Yxy(24.8517, 0.3881, 0.5733)$

Have a look what the booklet for
Yxy(24.8517, 0.3881, 0.5733)
contains.

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Color

$Y_{xy}(25.1277, 0.3736, 0.5415)$

Conversions

Conversions Part 1

Format	Color
Hex	6E9600
RGB	110, 150, 0
RGB Percent	43%, 59%, 0%
CMY	0.5687, 0.4117, 0.9995
CMYK	0.27, 0.00, 1.00, 0.41
HSL	76°, 100%, 29%
HSV	76°, 100%, 59%
XYZ	17.3365, 25.1277, 3.9397
YIQ	120.9400, 24.3100, -55.1300

Conversions

Conversions Part 2

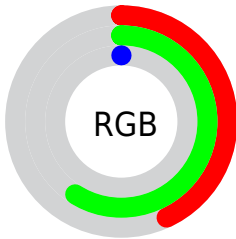
Format	Color
RYB	0, 150, 40
Decimal	7247360
CIELab	57.20, -31.96, 60.06
CIELCh	57, 68.029, 118.018
Yxy	25.1277, 0.3736, 0.5415
Android (android.graphics.Color)	4285437440 (0xFF6E9600)
YUV	120.9400, -59.6234, -9.5944
Hunter-Lab	50.1275, -25.9894, 30.4295

Details

The Yxy color **25.1277, 0.3736, 0.5415** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6588, 0.1677, 0.0698**, and the grayscale version is **19.2953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7477, 0.3693, 0.4970**, and **9.7644, 0.3497, 0.5605** is the 20% darker color. If you saturate the color by 10%, you get **25.1264, 0.3736, 0.5416**, and if you desaturate by 10%, it is **25.4261, 0.3753, 0.5322**.

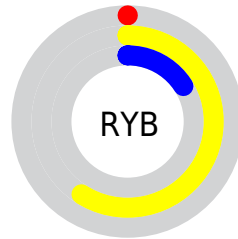
Distribution



Red (43%)

Green (59%)

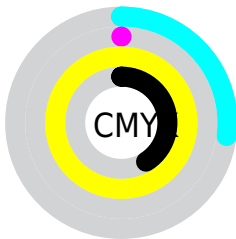
Blue (0%)



Red (0%)

Yellow (59%)

Blue (16%)

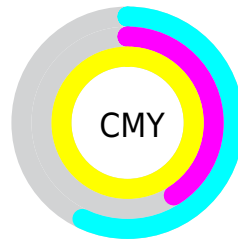


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (57%)


Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1277, 0.3736, 0.5415 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 25.1277, 0.3736, 0.5415 by changing the saturation by 10% instead.


 25.1277, 0.3736,
0.5415


 25.1277, 0.3736,
0.5415


278.4733, 0.3508,
0.4243


 16.1722, 0.3731,
0.5707


 51.8643, 0.3690,
0.4978


 9.6461, 0.3705,
0.6114


 70.4142, 0.3660,
0.4816


 5.1650, 0.3508,
0.6492

 92.9311, 0.3630,
0.4680

 2.3444, 0.3081,
0.6919

 119.7993, 0.3601,
0.4565


 0.7970, 0.0000,
1.0000


 151.4032, 0.3575,
0.4466


 0.0000, 0.0000,
0.0000

 188.1273, 0.3551,

0.4382


 230.3558, 0.3528,
0.4308


 25.1277, 0.3736,
0.5415


 25.1277, 0.3736,
0.5415


 25.1264, 0.3736,
0.5416

 25.4261, 0.3753,
0.5322

 25.7601, 0.3753,
0.5193

 26.1425, 0.3728,
0.5021

 26.5781, 0.3679,
0.4810

 27.0709, 0.3611,
0.4570

■ 27.6244, 0.3527,
0.4312

■ 28.2420, 0.3432,
0.4047

■ 28.9267, 0.3331,
0.3784

■ 29.6811, 0.3228,
0.3529

Harmonies

Analogous

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



25.1277, 0.4675, 0.4811



25.1277, 0.3736, 0.5415



25.1277, 0.2707, 0.5220

Triad

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



25.1277, 0.3736, 0.5415



25.1277, 0.1313, 0.1988



25.1277, 0.4424, 0.2592

Complementary

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



25.1277, 0.3736, 0.5415



2.6588, 0.1677, 0.0698

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.



25.1277, 0.3220, 0.2047



25.1277, 0.3736, 0.5415



25.1277, 0.1576, 0.1696

Square

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



25.1277, 0.3736, 0.5415



25.1277, 0.1383, 0.2742



25.1277, 0.2200, 0.1733



25.1277, 0.5245, 0.3272

Rectangle

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



25.1277, 0.3736, 0.5415



25.1277, 0.2094, 0.4485



25.1277, 0.2200, 0.1733



25.1277, 0.4033, 0.2390

Sweetspot

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



25.1288, 0.3736, 0.5415



49.7604, 0.3439, 0.4065



8.0087, 0.6011, 0.3608



10.9335, 0.3475, 0.4166



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.



25.1288, 0.3736, 0.5415



44.2508, 0.3727, 0.5423



22.1734, 0.3099, 0.5921



6.6676, 0.3221, 0.3511



20.8541, 0.3739, 0.5413



0.2697, 0.3965, 0.5234

Inverse Universe

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



2.6588, 0.1677, 0.0698



4.6092, 0.1661, 0.0688



5.8520, 0.2635, 0.1225



5.7034, 0.3028, 0.3064



2.2152, 0.1683, 0.0701



0.0399, 0.2113, 0.0938

Previews

White Background



This preview shows how the Yxy color 25.1277, 0.3736, 0.5415 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 25.1277, 0.3736, 0.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

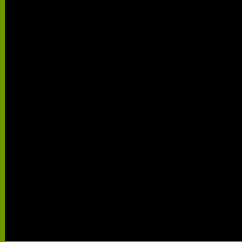
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1277, 0.3736, 0.5415

Background



This preview shows how black text looks on a background with the Yxy color 25.1277, 0.3736, 0.5415.



This preview shows how white text looks on a background with the Yxy color 25.1277, 0.3736, 0.5415.

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

25.1277, 0.3736, 0.5415

Protanopia

24.8599, 0.4410, 0.4880

Deuteranopia

24.9333, 0.4629, 0.4539



Tritanopia

24.9847, 0.2856, 0.3085

Trichromacy



Original Color

25.1277, 0.3736, 0.5415

Protanomaly

24.8350, 0.4157, 0.5081

Deuteranomaly

24.4190, 0.4310, 0.4865

Tritanomaly

24.4114, 0.3329, 0.4159

Monochromacy



Original Color

25.1277, 0.3736, 0.5415

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.8203, 0.3534, 0.4347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1277, 0.3736, 0.5415 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(110, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 150, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.1277, 0.3736, 0.5415 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(110, 150, 0) }
```

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

```
.border{ border-color:rgb(110, 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(110, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 150,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1277, 0.3736, 0.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 150, 0) }
```

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

```
.background{ background-color: rgb(110,  
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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