

Converting Colors

$Yxy(26.8106, 0.5724, 0.3837)$

Have a look what the booklet for
Yxy(26.8106, 0.5724, 0.3837)
contains.

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Color

Yxy(26.8910, 0.5724, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	F06000
RGB	240, 96, 0
RGB Percent	94%, 38%, 0%
CMY	0.0589, 0.6235, 0.9999
CMYK	0.00, 0.60, 1.00, 0.06
HSL	24°, 100%, 47%
HSV	24°, 100%, 94%
XYZ	40.1157, 26.8910, 3.0767
YIQ	128.1120, 116.6400, 0.6720

Conversions

Conversions Part 2

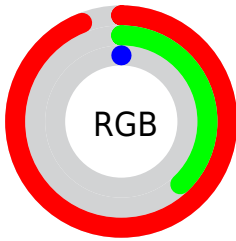
Format	Color
R_{YB}	240, 160, 0
Decimal	15753216
CIE _{Lab}	58.87, 52.33, 68.18
CIE _{LCh}	59, 85.941, 52.493
Yxy	26.8910, 0.5724, 0.3837
Android (android.graphics.Color)	4293943296 (0xFFFF06000)
YUV	128.1120, -63.1592, 98.1258
Hunter-Lab	51.8565, 47.3370, 32.7819

Details

The Yxy color **26.8910, 0.5724, 0.3837** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **26.2358, 0.1861, 0.1900**, and the grayscale version is **21.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7866, 0.4940, 0.4059**, and **10.6315, 0.6115, 0.3526** is the 20% darker color. If you saturate the color by 10%, you get **26.8899, 0.5724, 0.3837**, and if you desaturate by 10%, it is **29.8315, 0.5491, 0.3927**.

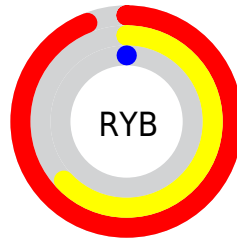
Distribution



Red (94%)

Green (38%)

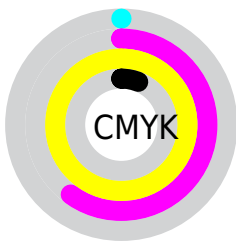
Blue (0%)



Red (94%)

Yellow (63%)

Blue (0%)

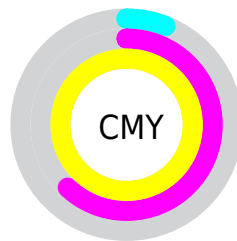


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8910, 0.5724, 0.3837 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 26.8910, 0.5724, 0.3837 by changing the saturation by 10% instead.


 26.8910, 0.5724,
0.3837


 26.8910, 0.5724,
0.3837


287.1290, 0.4431,
0.3767


 17.4914, 0.5989,
0.3767


 54.7089, 0.5287,
0.3876


 10.5854, 0.6339,
0.3661


 73.8960, 0.5110,
0.3871


 5.7888, 0.6609,
0.3391

 97.1143, 0.4957,
0.3858


 2.7171, 0.6996,
0.3004

 124.7483, 0.4823,
0.3842

 0.9859, 0.7580,
0.2420

 157.1824, 0.4706,
0.3823


 0.0000, 1.0000,
0.0000


 194.8010, 0.4603,

 0.0000, 0.0000,


0.3805


0.0000


 237.9883, 0.4512,
0.3786


 26.8910, 0.5724,
0.3837


 26.8910, 0.5724,
0.3837


 26.8899, 0.5724,
0.3837

 29.8315, 0.5491,
0.3927

 33.3575, 0.5207,
0.3968

 37.5188, 0.4890,
0.3957

 42.3518, 0.4565,
0.3903

 47.8893, 0.4252,
0.3818

■ 54.1615, 0.3964,
0.3716

■ 61.1966, 0.3709,
0.3607

■ 69.0212, 0.3485,
0.3497

■ 77.6603, 0.3292,
0.3390

Harmonies

Analogous

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



26.8910, 0.5590, 0.3040



26.8910, 0.5724, 0.3837



26.8910, 0.5025, 0.4771

Triad

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



26.8910, 0.5724, 0.3837



26.8910, 0.1716, 0.4530



26.8910, 0.1854, 0.1458

Complementary

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



26.8910, 0.5724, 0.3837



26.2358, 0.1861, 0.1900

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.



26.8910, 0.1250, 0.1463



26.8910, 0.5724, 0.3837



26.8910, 0.1145, 0.2811

Square

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



26.8910, 0.5724, 0.3837



26.8910, 0.2751, 0.5898



26.8910, 0.1027, 0.1837



26.8910, 0.2957, 0.1751

Rectangle

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



26.8910, 0.5724, 0.3837



26.8910, 0.4318, 0.5428



26.8910, 0.1027, 0.1837



26.8910, 0.1603, 0.1425

Sweetspot

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



26.8925, 0.5724, 0.3837



70.1458, 0.3711, 0.3608



20.5377, 0.4567, 0.2290



14.2606, 0.3816, 0.3655



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.8925, 0.5724, 0.3837



30.7644, 0.5730, 0.3833



67.6317, 0.4384, 0.4901



16.7966, 0.3283, 0.3385



14.9650, 0.5696, 0.3860



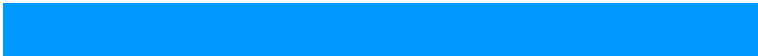
1.4345, 0.5455, 0.4051

Inverse Universe

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



26.2358, 0.1861, 0.1900



29.9996, 0.1860, 0.1895



6.9449, 0.1516, 0.0656



16.8063, 0.2980, 0.3193



14.6290, 0.1868, 0.1924



1.4111, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 26.8910, 0.5724, 0.3837 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 26.8910, 0.5724, 0.3837 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 26.8910, 0.5724, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 26.8910, 0.5724, 0.3837.



This preview shows how white text looks on a background with the Yxy color 26.8910, 0.5724, 0.3837.

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

26.8910, 0.5724, 0.3837

Protanopia

27.1845, 0.4334, 0.4812

Deuteranopia

26.9117, 0.4705, 0.4646



Tritanopia

26.8482, 0.5098, 0.3239

Trichromacy



Original Color

26.8910, 0.5724, 0.3837

Protanomaly

25.7750, 0.4900, 0.4426

Deuteranomaly

26.0923, 0.5118, 0.4318

Tritanomaly

26.6813, 0.5465, 0.3564

Monochromacy



Original Color

26.8910, 0.5724, 0.3837

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.5199, 0.4281, 0.3824

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8910, 0.5724, 0.3837 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(240, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 96, 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(240, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 96, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.8910, 0.5724, 0.3837 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(240, 96, 0) }
```

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

```
.border{ border-color:rgb(240, 96, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 96, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.8910, 0.5724, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 96, 0) }
```

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

```
.background{ background-color: rgb(240, 96,  
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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