

Converting Colors

$Yxy(26.2807, 0.5749, 0.3818)$

Have a look what the booklet for
Yxy(26.2807, 0.5749, 0.3818)
contains.

Yxy(26.3561, 0.5743, 0.3822)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.3561, 0.5743, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	EF5E00
RGB	239, 94, 0
RGB Percent	94%, 37%, 0%
CMY	0.0627, 0.6314, 1.0000
CMYK	0.00, 0.61, 1.00, 0.06
HSL	24°, 100%, 47%
HSV	24°, 100%, 94%
XYZ	39.6031, 26.3561, 2.9997
YIQ	126.6390, 116.5940, 1.5060

Conversions

Conversions Part 2

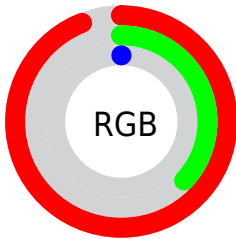
Format	Color
R_{YB}	239, 155, 0
Decimal	15687168
CIE _{Lab}	58.37, 52.88, 67.83
CIE _{LCh}	58, 86.001, 52.061
Yxy	26.3561, 0.5743, 0.3822
Android (android.graphics.Color)	4293877248 (0xFFEF5E00)
YUV	126.6390, -62.4330, 98.5406
Hunter-Lab	51.3382, 47.8559, 32.4724

Details

The Yxy color **26.3561, 0.5743, 0.3822** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **26.4898, 0.1868, 0.1925**, and the grayscale version is **21.2813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1482, 0.4959, 0.4040**, and **10.3218, 0.6146, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **26.3576, 0.5743, 0.3822**, and if you desaturate by 10%, it is **29.2489, 0.5508, 0.3912**.

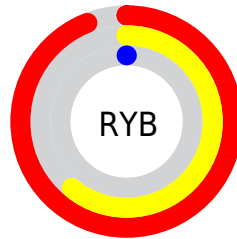
Distribution



Red (94%)

Green (37%)

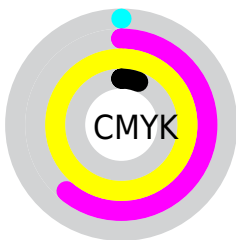
Blue (0%)



Red (94%)

Yellow (61%)

Blue (0%)

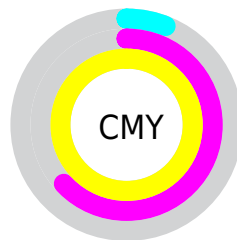


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3561, 0.5743, 0.3822 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 26.3561, 0.5743, 0.3822 by changing the saturation by 10% instead.


 26.3561, 0.5743,
0.3822


 26.3561, 0.5743,
0.3822

284.5258, 0.4436,
0.3761


 17.0902, 0.6012,
0.3748


 53.8489, 0.5300,
0.3865

 10.2988, 0.6363,
0.3637


 72.8446, 0.5122,
0.3861


 5.5975, 0.6641,
0.3359

 95.8523, 0.4967,
0.3850


 2.6019, 0.7037,
0.2963

 123.2565, 0.4832,
0.3834

 0.9276, 0.7635,
0.2365

 155.4416, 0.4714,
0.3816


 0.0000, 1.0000,
0.0000


 192.7919, 0.4610,


 0.0000, 0.0000,

0.3798


0.0000


 235.6918, 0.4518,
0.3779


 26.3561, 0.5743,
0.3822


 26.3561, 0.5743,
0.3822


 26.3576, 0.5743,
0.3822

 29.2489, 0.5508,
0.3912

 32.7305, 0.5222,
0.3955

 36.8512, 0.4901,
0.3945

 41.6478, 0.4572,
0.3892

 47.1535, 0.4257,
0.3809

■ 53.3992, 0.3967,
0.3709

■ 60.4132, 0.3710,
0.3602

■ 68.2225, 0.3486,
0.3493

■ 76.8525, 0.3293,
0.3389

Harmonies

Analogous

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



26.3561, 0.5596, 0.3025



26.3561, 0.5743, 0.3822



26.3561, 0.5045, 0.4759

Triad

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



26.3561, 0.5743, 0.3822



26.3561, 0.1719, 0.4567



26.3561, 0.1834, 0.1447

Complementary

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



26.3561, 0.5743, 0.3822



26.4898, 0.1868, 0.1925

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.



26.3561, 0.1236, 0.1456



26.3561, 0.5743, 0.3822



26.3561, 0.1139, 0.2825

Square

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



26.3561, 0.5743, 0.3822



26.3561, 0.2762, 0.5928



26.3561, 0.1016, 0.1837



26.3561, 0.2936, 0.1737

Rectangle

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



26.3561, 0.5743, 0.3822



26.3561, 0.4336, 0.5424



26.3561, 0.1016, 0.1837



26.3561, 0.1585, 0.1416

Sweetspot

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



26.3576, 0.5743, 0.3822



69.8916, 0.3713, 0.3603



20.4722, 0.4498, 0.2251



14.2011, 0.3818, 0.3649



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.



26.3576, 0.5743, 0.3822



30.4283, 0.5749, 0.3817



65.0061, 0.4418, 0.4874



16.7785, 0.3283, 0.3383



14.8019, 0.5715, 0.3845



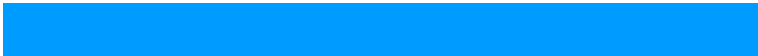
1.4198, 0.5472, 0.4037

Inverse Universe

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



26.4898, 0.1868, 0.1925



30.5694, 0.1867, 0.1920



7.0579, 0.1520, 0.0671



16.8248, 0.2980, 0.3195



14.8999, 0.1875, 0.1948



1.4327, 0.1929, 0.2143

Previews

White Background



This preview shows how the Yxy color 26.3561, 0.5743, 0.3822 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 26.3561, 0.5743, 0.3822 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 26.3561, 0.5743, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 26.3561, 0.5743, 0.3822.



This preview shows how white text looks on a background with the Yxy color 26.3561, 0.5743, 0.3822.

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

26.3561, 0.5743, 0.3822

Protanopia

26.4866, 0.4347, 0.4799

Deuteranopia

26.5152, 0.4708, 0.4644



Tritanopia

26.3075, 0.5130, 0.3240

Trichromacy



Original Color

26.3561, 0.5743, 0.3822

Protanomaly

25.1412, 0.4918, 0.4411

Deuteranomaly

25.4730, 0.5138, 0.4303

Tritanomaly

26.1534, 0.5487, 0.3554

Monochromacy



Original Color

26.3561, 0.5743, 0.3822

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.1804, 0.4277, 0.3812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3561, 0.5743, 0.3822 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(239, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(239, 94, 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(239, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 94, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.3561, 0.5743, 0.3822 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(239, 94, 0) }
```

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

```
.border{ border-color:rgb(239, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(239, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(239, 94, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.3561, 0.5743, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 94, 0) }
```

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

```
.background{ background-color: rgb(239, 94,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor