

Converting Colors

$Yxy(26.2887, 0.5684, 0.3834)$

Have a look what the booklet for
Yxy(26.2887, 0.5684, 0.3834)
contains.

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Color

Yxy(26.2205, 0.5681, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	EC600A
RGB	236, 96, 10
RGB Percent	93%, 38%, 4%
CMY	0.0745, 0.6235, 0.9608
CMYK	0.00, 0.59, 0.96, 0.07
HSL	23°, 92%, 48%
HSV	23°, 96%, 93%
XYZ	38.8318, 26.2205, 3.3015
YIQ	128.0560, 111.0460, 2.9340

Conversions

Conversions Part 2

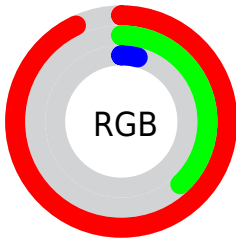
Format	Color
RYB	236, 149, 10
Decimal	15491082
CIELab	58.25, 50.99, 65.64
CIElCh	58, 83.119, 52.164
Yxy	26.2205, 0.5681, 0.3836
Android (android.graphics.Color)	4293681162 (0xFFEC600A)
YUV	128.0560, -58.2016, 94.6669
Hunter-Lab	51.2060, 45.7541, 32.0215

Details

The Yxy color **26.2205, 0.5681, 0.3836** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **27.9368, 0.1904, 0.2032**, and the grayscale version is **21.7847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5149, 0.4924, 0.4023**, and **10.2882, 0.6105, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **25.1135, 0.5777, 0.3795**, and if you desaturate by 10%, it is **29.2338, 0.5421, 0.3911**.

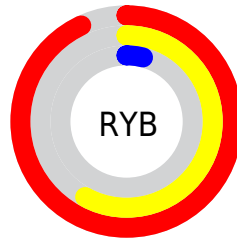
Distribution



Red (93%)

Green (38%)

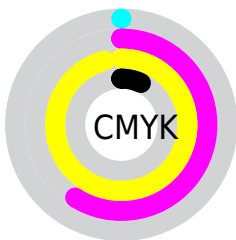
Blue (4%)



Red (93%)

Yellow (58%)

Blue (4%)

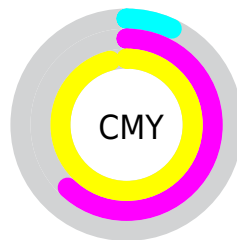


Cyan (0%)

Magenta (59%)

Yellow (96%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2205, 0.5681, 0.3836 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 26.2205, 0.5681, 0.3836 by changing the saturation by 10% instead.


 26.2205, 0.5681,
0.3836

 26.2205, 0.5681,
0.3836


283.8628, 0.4395,
0.3753


 16.9887, 0.5951,
0.3771


 53.6305, 0.5241,
0.3867


 10.2264, 0.6316,
0.3677


 72.5774, 0.5065,
0.3860


 5.5493, 0.6593,
0.3407

 95.5314, 0.4913,
0.3846

 2.5730, 0.6983,
0.3017

 122.8770, 0.4781,
0.3829

 0.9131, 0.7579,
0.2421

 154.9986, 0.4665,
0.3810


 0.0000, 1.0000,
0.0000


 192.2805, 0.4564,


 0.0000, 0.0000,


0.3790

0.0000

 235.1071, 0.4474,
0.3771


 26.2205, 0.5681,
0.3836


 26.2205, 0.5681,
0.3836


 25.1135, 0.5777,
0.3795

 29.2338, 0.5421,
0.3911

 32.8601, 0.5111,
0.3933

 37.1412, 0.4777,
0.3906

 42.1126, 0.4447,
0.3841

 47.8070, 0.4137,
0.3753

■ 54.2543, 0.3858,
0.3652

■ 61.4828, 0.3613,
0.3547

■ 69.5190, 0.3401,
0.3443

■ 78.3882, 0.3219,
0.3344

Harmonies

Analogous

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



26.2205, 0.5527, 0.3046



26.2205, 0.5681, 0.3836



26.2205, 0.5013, 0.4752

Triad

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



26.2205, 0.5681, 0.3836



26.2205, 0.1759, 0.4517



26.2205, 0.1870, 0.1486

Complementary

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



26.2205, 0.5681, 0.3836



27.9368, 0.1904, 0.2032

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.



26.2205, 0.1276, 0.1496



26.2205, 0.5681, 0.3836



26.2205, 0.1184, 0.2843

Square

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



26.2205, 0.5681, 0.3836



26.2205, 0.2784, 0.5832



26.2205, 0.1059, 0.1875



26.2205, 0.2949, 0.1773

Rectangle

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



26.2205, 0.5681, 0.3836



26.2205, 0.4326, 0.5388



26.2205, 0.1059, 0.1875



26.2205, 0.1623, 0.1455

Sweetspot

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



26.2220, 0.5681, 0.3836



70.2920, 0.3691, 0.3582



20.3558, 0.4360, 0.2193



14.2598, 0.3797, 0.3627



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.



26.2220, 0.5681, 0.3836



29.8152, 0.5785, 0.3789



61.9378, 0.4433, 0.4843



15.9935, 0.3283, 0.3380



14.0728, 0.5748, 0.3818



1.2856, 0.5490, 0.4023

Inverse Universe

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



27.9368, 0.1904, 0.2032



31.6631, 0.1880, 0.1966



7.6479, 0.1546, 0.0738



16.1031, 0.2981, 0.3198



14.9615, 0.1888, 0.1995



1.3595, 0.1943, 0.2194

Previews

White Background



This preview shows how the Yxy color 26.2205, 0.5681, 0.3836 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 26.2205, 0.5681, 0.3836 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 26.2205, 0.5681, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 26.2205, 0.5681, 0.3836.



This preview shows how white text looks on a background with the Yxy color 26.2205, 0.5681, 0.3836.

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

26.2205, 0.5681, 0.3836

Protanopia

26.3890, 0.4331, 0.4802

Deuteranopia

26.1222, 0.4712, 0.4641



Tritanopia

26.1481, 0.5064, 0.3238

Trichromacy



Original Color

26.2205, 0.5681, 0.3836

Protanomaly

25.1568, 0.4868, 0.4419

Deuteranomaly

25.4475, 0.5096, 0.4319

Tritanomaly

26.0290, 0.5399, 0.3542

Monochromacy



Original Color

26.2205, 0.5681, 0.3836

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.3621, 0.4205, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2205, 0.5681, 0.3836 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(236, 96, 10)` looks like.

```
.text, #text, p{  
    color:rgb(236, 96, 10)  
}
```

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(236, 96, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 96, 10) }
```

Border

The CSS property to change the border of an element to Yxy 26.2205, 0.5681, 0.3836 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(236, 96, 10) }
```

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

```
.border{ border-color:rgb(236, 96, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 96, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 96, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 96, 10);  
box-shadow:4px 4px 4px 4px rgb(236, 96,  
10) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2205, 0.5681, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 96, 10) }
```

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

```
.background{ background-color: rgb(236, 96,  
10) }
```

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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