

Converting Colors

$Yxy(26.3433, 0.5648, 0.3830)$

Have a look what the booklet for
Yxy(26.3433, 0.5648, 0.3830)
contains.

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Color

Yxy(26.4259, 0.5647, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	EC6112
RGB	236, 97, 18
RGB Percent	93%, 38%, 7%
CMY	0.0746, 0.6195, 0.9296
CMYK	0.00, 0.59, 0.92, 0.07
HSL	22°, 86%, 50%
HSV	22°, 92%, 93%
XYZ	38.9729, 26.4259, 3.6164
YIQ	129.5550, 108.2030, 4.8990

Conversions

Conversions Part 2

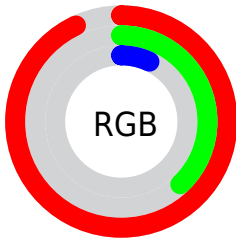
Format	Color
R_{YB}	236, 142, 18
Decimal	15491346
CIE _{Lab}	58.44, 50.60, 64.05
CIE _{LCh}	58, 81.630, 51.692
Yxy	26.4259, 0.5647, 0.3829
Android (android.graphics.Color)	4293681426 (0xFFEC6112)
YUV	129.5550, -54.9966, 93.3523
Hunter-Lab	51.4061, 45.3666, 31.8133

Details

The Yxy color **26.4259, 0.5647, 0.3829** 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 **30.2684, 0.1939, 0.2140**, and the grayscale version is **22.3274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8876, 0.4887, 0.4006**, and **10.4266, 0.6081, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **24.4199, 0.5826, 0.3756**, and if you desaturate by 10%, it is **29.5965, 0.5361, 0.3889**.

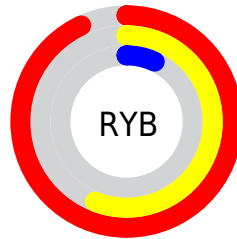
Distribution



Red (93%)

Green (38%)

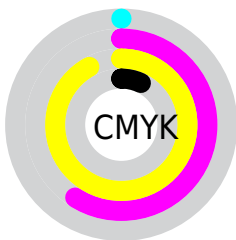
Blue (7%)



Red (93%)

Yellow (56%)

Blue (7%)

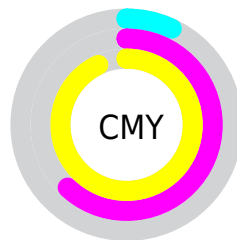


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (7%)



Cyan (7%)


Magenta (62%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4259, 0.5647, 0.3829 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 26.4259, 0.5647, 0.3829 by changing the saturation by 10% instead.


 26.4259, 0.5647,
0.3829


 26.4259, 0.5647,
0.3829


284.8666, 0.4372,
0.3740


 17.1425, 0.5919,
0.3769


 53.9612, 0.5208,
0.3855


 10.3362, 0.6272,
0.3673


 72.9820, 0.5033,
0.3847


 5.6224, 0.6576,
0.3424

 96.0173, 0.4882,
0.3832

 2.6169, 0.6962,
0.3038

 123.4516, 0.4752,
0.3815

 0.9352, 0.7551,
0.2449

 155.6693, 0.4638,
0.3796


 0.0000, 1.0000,
0.0000


 193.0548, 0.4538,


 0.0000, 0.0000,


0.3777


0.0000


 235.9924, 0.4450,
0.3758


 26.4259, 0.5647,
0.3829


 26.4259, 0.5647,
0.3829


 24.4199, 0.5826,
0.3756

 29.5965, 0.5361,
0.3889

 33.4190, 0.5031,
0.3896

 37.9360, 0.4687,
0.3859

 43.1840, 0.4354,
0.3790

 49.1967, 0.4048,
0.3700

■ 56.0054, 0.3776,
0.3602

■ 63.6394, 0.3540,
0.3502

■ 72.1266, 0.3337,
0.3404

■ 81.4933, 0.3165,
0.3311

Harmonies

Analogous

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



26.4259, 0.5471, 0.3045



26.4259, 0.5647, 0.3829



26.4259, 0.5009, 0.4729

Triad

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



26.4259, 0.5647, 0.3829



26.4259, 0.1799, 0.4518



26.4259, 0.1877, 0.1508

Complementary

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



26.4259, 0.5647, 0.3829



30.2684, 0.1939, 0.2140

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.



26.4259, 0.1295, 0.1525



26.4259, 0.5647, 0.3829



26.4259, 0.1218, 0.2878

Square

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



26.4259, 0.5647, 0.3829



26.4259, 0.2818, 0.5783



26.4259, 0.1085, 0.1910



26.4259, 0.2934, 0.1788

Rectangle

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



26.4259, 0.5647, 0.3829



26.4259, 0.4338, 0.5350



26.4259, 0.1085, 0.1910



26.4259, 0.1635, 0.1480

Sweetspot

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



26.4274, 0.5647, 0.3829



70.5474, 0.3671, 0.3559



20.7884, 0.4245, 0.2146



14.2826, 0.3778, 0.3603



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.



26.4274, 0.5647, 0.3829



28.9972, 0.5834, 0.3750



60.7195, 0.4448, 0.4812



15.9483, 0.3284, 0.3376



13.6865, 0.5797, 0.3779



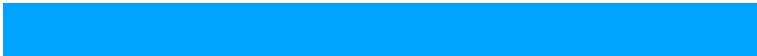
1.2520, 0.5534, 0.3988

Inverse Universe

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



30.2684, 0.1939, 0.2140



33.2453, 0.1898, 0.2031



8.5209, 0.1574, 0.0810



16.1499, 0.2981, 0.3203



15.6892, 0.1905, 0.2059



1.4136, 0.1958, 0.2248

Previews

White Background



This preview shows how the Yxy color 26.4259, 0.5647, 0.3829 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 26.4259, 0.5647, 0.3829 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 26.4259, 0.5647, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 26.4259, 0.5647, 0.3829.



This preview shows how white text looks on a background with the Yxy color 26.4259, 0.5647, 0.3829.

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

26.4259, 0.5647, 0.3829

Protanopia

26.5144, 0.4323, 0.4765

Deuteranopia

26.5152, 0.4708, 0.4644



Tritanopia

26.3340, 0.5043, 0.3237

Trichromacy



Original Color

26.4259, 0.5647, 0.3829

Protanomaly

25.3066, 0.4855, 0.4385

Deuteranomaly

25.8322, 0.5085, 0.4317

Tritanomaly

26.2506, 0.5349, 0.3520

Monochromacy



Original Color

26.4259, 0.5647, 0.3829

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.1132, 0.4164, 0.3737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4259, 0.5647, 0.3829 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, 97, 18)` looks like.

```
.text, #text, p{  
    color:rgb(236, 97, 18)  
}
```

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, 97, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 97, 18) }
```

Border

The CSS property to change the border of an element to Yxy 26.4259, 0.5647, 0.3829 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, 97, 18) }
```

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

```
.border{ border-color:rgb(236, 97, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 97, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 97, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 97, 18);  
box-shadow:4px 4px 4px 4px rgb(236, 97,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4259, 0.5647, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 97, 18) }
```

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

```
.background{ background-color: rgb(236, 97,  
18) }
```

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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