

Converting Colors

$Yxy(25.9716, 0.5639, 0.3876)$

Have a look what the booklet for
Yxy(25.9716, 0.5639, 0.3876)
contains.

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Color

Yxy(25.9087, 0.5639, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	E86208
RGB	232, 98, 8
RGB Percent	91%, 38%, 3%
CMY	0.0901, 0.6157, 0.9689
CMYK	0.00, 0.58, 0.97, 0.09
HSL	24°, 93%, 47%
HSV	24°, 97%, 91%
XYZ	37.6933, 25.9087, 3.2419
YIQ	127.8060, 108.7540, 0.4180

Conversions

Conversions Part 2

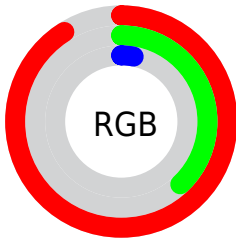
Format	Color
R_{YB}	232, 158, 8
Decimal	15229448
CIE _{Lab}	57.95, 48.60, 65.51
CIE _{LCh}	58, 81.569, 53.432
Yxy	25.9087, 0.5639, 0.3876
Android (android.graphics.Color)	4293419528 (0xFFE86208)
YUV	127.8060, -59.0644, 91.3781
Hunter-Lab	50.9006, 43.1081, 31.8541

Details

The Yxy color **25.9087, 0.5639, 0.3876** 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 **25.2098, 0.1879, 0.1947**, and the grayscale version is **21.6938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1461, 0.4911, 0.4049**, and **10.1262, 0.6039, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **25.0308, 0.5716, 0.3844**, and if you desaturate by 10%, it is **28.8180, 0.5391, 0.3952**.

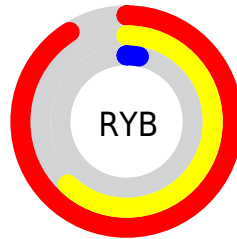
Distribution



Red (91%)

Green (38%)

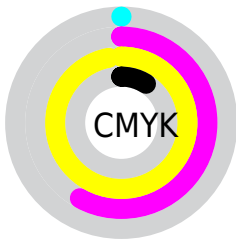
Blue (3%)



Red (91%)

Yellow (62%)

Blue (3%)

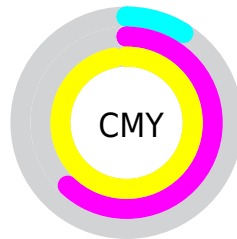


Cyan (0%)

Magenta (58%)

Yellow (97%)

Black (9%)



Cyan (9%)


Magenta (62%)


Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9087, 0.5639, 0.3876 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 25.9087, 0.5639, 0.3876 by changing the saturation by 10% instead.


 25.9087, 0.5639,
0.3876


 25.9087, 0.5639,
0.3876


282.3336, 0.4372,
0.3768


 16.7554, 0.5905,
0.3817


 53.1276, 0.5205,
0.3898

 10.0602, 0.6268,
0.3732


 71.9620, 0.5032,
0.3887

 5.4389, 0.6535,
0.3465

 94.7921, 0.4882,
0.3870

 2.5070, 0.6920,
0.3080

 122.0025, 0.4752,
0.3850

 0.8801, 0.7515,
0.2485

 153.9774, 0.4638,
0.3829


 0.0000, 1.0000,
0.0000


 191.1013, 0.4538,

 0.0000, 0.0000,


0.3808


0.0000

 233.7586, 0.4450,
0.3788


 25.9087, 0.5639,
0.3876

 25.9087, 0.5639,
0.3876


 25.0308, 0.5716,
0.3844

 28.8180, 0.5391,
0.3952

 32.2852, 0.5093,
0.3973

 36.3484, 0.4772,
0.3945

 41.0396, 0.4450,
0.3878

 46.3879, 0.4147,
0.3786

■ 52.4203, 0.3871,
0.3680

■ 59.1620, 0.3627,
0.3570

■ 66.6369, 0.3415,
0.3460

■ 74.8674, 0.3233,
0.3355

Harmonies

Analogous

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



25.9087, 0.5522, 0.3086



25.9087, 0.5639, 0.3876



25.9087, 0.4961, 0.4787

Triad

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



25.9087, 0.5639, 0.3876



25.9087, 0.1744, 0.4423



25.9087, 0.1919, 0.1510

Complementary

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



25.9087, 0.5639, 0.3876



25.2098, 0.1879, 0.1947

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.



25.9087, 0.1311, 0.1508



25.9087, 0.5639, 0.3876



25.9087, 0.1191, 0.2797

Square

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



25.9087, 0.5639, 0.3876



25.9087, 0.2748, 0.5765



25.9087, 0.1080, 0.1867



25.9087, 0.3009, 0.1807

Rectangle

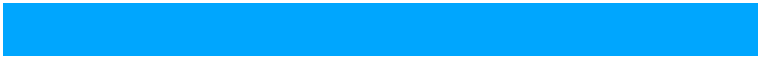
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.9087, 0.5639, 0.3876



25.9087, 0.4276, 0.5407



25.9087, 0.1080, 0.1867



25.9087, 0.1667, 0.1475

Sweetspot

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



25.9102, 0.5639, 0.3876



71.0736, 0.3687, 0.3598



19.2948, 0.4502, 0.2269



14.4438, 0.3791, 0.3646



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.



25.9102, 0.5639, 0.3876



30.8593, 0.5724, 0.3837



63.0739, 0.4370, 0.4898



15.3140, 0.3282, 0.3385



14.1258, 0.5687, 0.3867



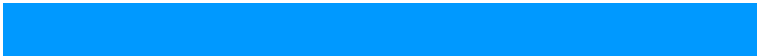
1.2219, 0.5421, 0.4078

Inverse Universe

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



25.2098, 0.1879, 0.1947



29.8425, 0.1858, 0.1888



6.8242, 0.1532, 0.0690



15.3136, 0.2981, 0.3193



13.6993, 0.1867, 0.1920



1.1932, 0.1928, 0.2141

Previews

White Background



This preview shows how the Yxy color 25.9087, 0.5639, 0.3876 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 25.9087, 0.5639, 0.3876 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 25.9087, 0.5639, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 25.9087, 0.5639, 0.3876.



This preview shows how white text looks on a background with the Yxy color 25.9087, 0.5639, 0.3876.

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

25.9087, 0.5639, 0.3876

Protanopia

25.9902, 0.4336, 0.4806

Deuteranopia

26.0052, 0.4701, 0.4650



Tritanopia

25.8377, 0.4987, 0.3235

Trichromacy



Original Color

25.9087, 0.5639, 0.3876

Protanomaly

24.9013, 0.4854, 0.4442

Deuteranomaly

25.1753, 0.5080, 0.4336

Tritanomaly

25.7107, 0.5341, 0.3561

Monochromacy



Original Color

25.9087, 0.5639, 0.3876

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.4697, 0.4197, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9087, 0.5639, 0.3876 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(232, 98, 8)` looks like.

```
.text, #text, p{  
    color:rgb(232, 98, 8)  
}
```

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(232, 98, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 98, 8) }
```

Border

The CSS property to change the border of an element to Yxy 25.9087, 0.5639, 0.3876 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(232, 98, 8) }
```

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

```
.border{ border-color:rgb(232, 98, 8) }
```

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

Here you see how a box with a 4 pixel rgb(232, 98, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 98, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 98, 8);  
box-shadow:4px 4px 4px 4px rgb(232, 98, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 25.9087, 0.5639, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 98, 8) }
```

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

```
.background{ background-color: rgb(232, 98,  
8) }
```

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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