

Converting Colors

$Yxy(24.9215, 0.5771, 0.3769)$

Have a look what the booklet for
Yxy(24.9215, 0.5771, 0.3769)
contains.

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Color

Yxy(24.9952, 0.5768, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	EC5908
RGB	236, 89, 8
RGB Percent	93%, 35%, 3%
CMY	0.0745, 0.6510, 0.9685
CMYK	0.00, 0.62, 0.97, 0.07
HSL	21°, 93%, 48%
HSV	21°, 97%, 93%
XYZ	38.2116, 24.9952, 3.0408
YIQ	123.7190, 113.6130, 5.9730

Conversions

Conversions Part 2

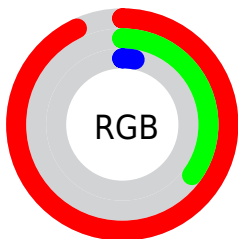
Format	Color
R_{YB}	236, 134, 8
Decimal	15489288
CIE _{Lab}	57.07, 54.06, 65.31
CIE _{LCh}	57, 84.781, 50.379
Yxy	24.9952, 0.5768, 0.3773
Android (android.graphics.Color)	4293679368 (0xFFEC5908)
YUV	123.7190, -57.0495, 98.4704
Hunter-Lab	49.9952, 48.9369, 31.3906

Details

The Yxy color **24.9952, 0.5768, 0.3773** 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 **29.5635, 0.1924, 0.2109**, and the grayscale version is **20.2236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6239, 0.4994, 0.3978**, and **9.6992, 0.6214, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **24.1483, 0.5847, 0.3740**, and if you desaturate by 10%, it is **27.8812, 0.5506, 0.3855**.

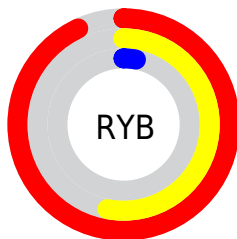
Distribution



Red (93%)

Green (35%)

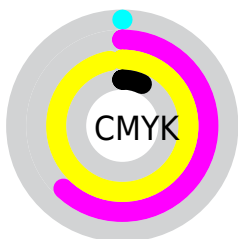
Blue (3%)



Red (93%)

Yellow (53%)

Blue (3%)

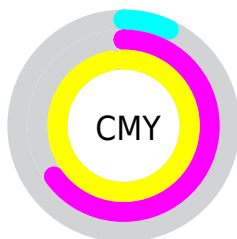


Cyan (0%)

Magenta (62%)

Yellow (97%)

Black (7%)



Cyan (7%)


Magenta (65%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9952, 0.5768, 0.3773 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 24.9952, 0.5768, 0.3773 by changing the saturation by 10% instead.


 24.9952, 0.5768,
0.3773


 24.9952, 0.5768,
0.3773


277.8140, 0.4430,
0.3732


 16.0735, 0.6050,
0.3694


 51.6494, 0.5309,
0.3823

 9.5762, 0.6424,
0.3576


 70.1507, 0.5126,
0.3821

 5.1189, 0.6717,
0.3283

 92.6140, 0.4967,
0.3812

 2.3172, 0.7138,
0.2862

 119.4237, 0.4830,
0.3798

 0.7828, 0.7785,
0.2215

 150.9641, 0.4710,
0.3782

 0.0000, 1.0000,
0.0000


 187.6197, 0.4605,


 0.0000, 0.0000,

0.3765

0.0000


 229.7749, 0.4512,
0.3748


 24.9952, 0.5768,
0.3773

 24.9952, 0.5768,
0.3773


 24.1483, 0.5847,
0.3740

 27.8812, 0.5506,
0.3855

 31.4101, 0.5188,
0.3885

 35.6281, 0.4843,
0.3867

 40.5744, 0.4499,
0.3811

 46.2848, 0.4178,
0.3731

■ 52.7924, 0.3889,
0.3637

■ 60.1281, 0.3637,
0.3539

■ 68.3211, 0.3419,
0.3441

■ 77.3991, 0.3234,
0.3348

Harmonies

Analogous

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



24.9952, 0.5563, 0.2980



24.9952, 0.5768, 0.3773



24.9952, 0.5101, 0.4703

Triad

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



24.9952, 0.5768, 0.3773



24.9952, 0.1762, 0.4677



24.9952, 0.1785, 0.1436

Complementary

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



24.9952, 0.5768, 0.3773



29.5635, 0.1924, 0.2109

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.



24.9952, 0.1210, 0.1462



24.9952, 0.5768, 0.3773



24.9952, 0.1153, 0.2903

Square

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



24.9952, 0.5768, 0.3773



24.9952, 0.2824, 0.5967



24.9952, 0.1009, 0.1869



24.9952, 0.2859, 0.1709

Rectangle

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



24.9952, 0.5768, 0.3773



24.9952, 0.4400, 0.5374



24.9952, 0.1009, 0.1869



24.9952, 0.1544, 0.1410

Sweetspot

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



24.9967, 0.5768, 0.3773



69.3766, 0.3697, 0.3563



20.4167, 0.4309, 0.2161



14.0447, 0.3804, 0.3606



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.



24.9967, 0.5768, 0.3773



28.6685, 0.5854, 0.3734



60.0061, 0.4472, 0.4816



15.9294, 0.3284, 0.3374



13.5309, 0.5817, 0.3763



1.2383, 0.5553, 0.3973

Inverse Universe

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



29.5635, 0.1924, 0.2109



33.9258, 0.1905, 0.2058



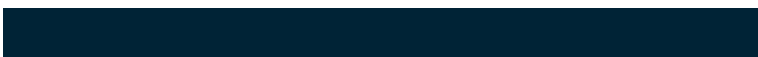
7.7801, 0.1548, 0.0749



16.1695, 0.2981, 0.3204



16.0019, 0.1913, 0.2085



1.4368, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 24.9952, 0.5768, 0.3773 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 24.9952, 0.5768, 0.3773 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 24.9952, 0.5768, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 24.9952, 0.5768, 0.3773.



This preview shows how white text looks on a background with the Yxy color 24.9952, 0.5768, 0.3773.

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

24.9952, 0.5768, 0.3773

Protanopia

25.2157, 0.4332, 0.4795

Deuteranopia

25.1168, 0.4696, 0.4653



Tritanopia

25.0682, 0.5200, 0.3250

Trichromacy



Original Color

24.9952, 0.5768, 0.3773

Protanomaly

23.6703, 0.4921, 0.4379

Deuteranomaly

24.2331, 0.5138, 0.4290

Tritanomaly

24.8173, 0.5515, 0.3512

Monochromacy



Original Color

24.9952, 0.5768, 0.3773

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.9774, 0.4260, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9952, 0.5768, 0.3773 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, 89, 8)` looks like.

```
.text, #text, p{  
    color:rgb(236, 89, 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(236, 89, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 89, 8) }
```

Border

The CSS property to change the border of an element to Yxy 24.9952, 0.5768, 0.3773 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, 89, 8) }
```

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

```
.border{ border-color:rgb(236, 89, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 89, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 89, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 89, 8);  
box-shadow:4px 4px 4px 4px rgb(236, 89, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.9952, 0.5768, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 89, 8) }
```

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

```
.background{ background-color: rgb(236, 89,  
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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