

Converting Colors

$Yxy(24.1266, 0.5639, 0.3874)$

Have a look what the booklet for
Yxy(24.1266, 0.5639, 0.3874)
contains.

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Color

Yxy(24.2095, 0.5635, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	E15F08
RGB	225, 95, 8
RGB Percent	88%, 37%, 3%
CMY	0.1177, 0.6274, 0.9687
CMYK	0.00, 0.58, 0.96, 0.12
HSL	24°, 93%, 46%
HSV	24°, 96%, 88%
XYZ	35.1871, 24.2095, 3.0473
YIQ	123.9520, 105.4070, 0.5030

Conversions

Conversions Part 2

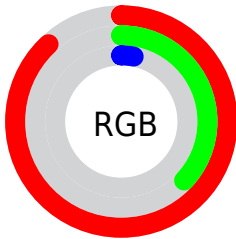
Format	Color
R _Y B	225, 153, 8
Decimal	14769928
CIE Lab	56.30, 47.40, 63.93
CIE LCh	56, 79.581, 53.447
Yxy	24.2095, 0.5635, 0.3877
Android (android.graphics.Color)	4292960008 (0xFFE15F08)
YUV	123.9520, -57.1643, 88.6191
Hunter-Lab	49.2032, 41.5470, 30.7702

Details

The Yxy color **24.2095, 0.5635, 0.3877** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **23.6552, 0.1882, 0.1955**, and the grayscale version is **20.3075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1846, 0.4940, 0.4020**, and **9.2673, 0.6054, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **23.3587, 0.5715, 0.3844**, and if you desaturate by 10%, it is **26.9314, 0.5385, 0.3951**.

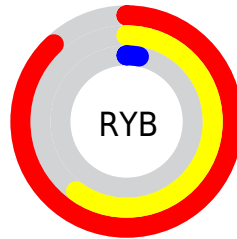
Distribution



Red (88%)

Green (37%)

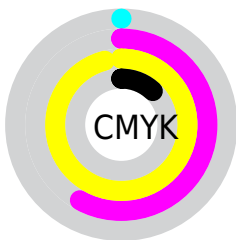
Blue (3%)



Red (88%)

Yellow (60%)

Blue (3%)

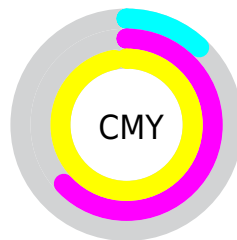


Cyan (0%)

Magenta (58%)

Yellow (96%)

Black (12%)



Cyan (12%)


Magenta (63%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2095, 0.5635, 0.3877 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 24.2095, 0.5635, 0.3877 by changing the saturation by 10% instead.


 24.2095, 0.5635,
0.3877


 24.2095, 0.5635,
0.3877


273.8779, 0.4354,
0.3763

 15.4891, 0.5908,
0.3817


 50.3719, 0.5193,
0.3898

 9.1634, 0.6275,
0.3725


 68.5826, 0.5017,
0.3886

 4.8479, 0.6553,
0.3447

 90.7256, 0.4866,
0.3868

 2.1583, 0.6960,
0.3040

 117.1852, 0.4735,
0.3848

 0.6971, 0.7632,
0.2368

 148.3459, 0.4621,
0.3826

 0.0000, 1.0000,
0.0000


 184.5919, 0.4521,


 0.0000, 0.0000,

0.3804


0.0000


 226.3078, 0.4433,
0.3784

 24.2095, 0.5635,
0.3877

 24.2095, 0.5635,
0.3877

 23.3587, 0.5715,
0.3844

 26.9314, 0.5385,
0.3951

 30.1741, 0.5087,
0.3972

 33.9727, 0.4765,
0.3942

 38.3572, 0.4444,
0.3875

 43.3544, 0.4141,
0.3783

■ 48.9895, 0.3866,
0.3677

■ 55.2859, 0.3624,
0.3567

■ 62.2657, 0.3412,
0.3458

■ 69.9500, 0.3231,
0.3354

Harmonies

Analogous

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



24.2095, 0.5518, 0.3087



24.2095, 0.5635, 0.3877



24.2095, 0.4959, 0.4786

Triad

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



24.2095, 0.5635, 0.3877



24.2095, 0.1746, 0.4419



24.2095, 0.1922, 0.1512

Complementary

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



24.2095, 0.5635, 0.3877



23.6552, 0.1882, 0.1955

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.



24.2095, 0.1313, 0.1510



24.2095, 0.5635, 0.3877



24.2095, 0.1194, 0.2798

Square

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



24.2095, 0.5635, 0.3877



24.2095, 0.2749, 0.5759



24.2095, 0.1083, 0.1869



24.2095, 0.3010, 0.1809

Rectangle

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



24.2095, 0.5635, 0.3877



24.2095, 0.4275, 0.5405



24.2095, 0.1083, 0.1869



24.2095, 0.1670, 0.1478

Sweetspot

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



24.2109, 0.5635, 0.3877



71.0408, 0.3687, 0.3598



18.0210, 0.4497, 0.2268



14.4360, 0.3791, 0.3645



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.



24.2109, 0.5635, 0.3877



30.8143, 0.5727, 0.3835



58.8769, 0.4369, 0.4897



14.5982, 0.3282, 0.3384



13.6751, 0.5688, 0.3866



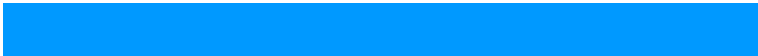
1.1198, 0.5406, 0.4089

Inverse Universe

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



23.6552, 0.1882, 0.1955



29.9168, 0.1859, 0.1892



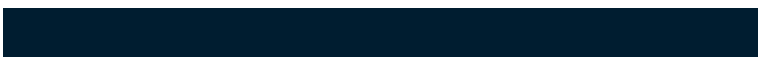
6.4001, 0.1533, 0.0694



14.6019, 0.2981, 0.3194



13.3152, 0.1868, 0.1925



1.0969, 0.1933, 0.2157

Previews

White Background



This preview shows how the Yxy color 24.2095, 0.5635, 0.3877 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 24.2095, 0.5635, 0.3877 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 24.2095, 0.5635, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 24.2095, 0.5635, 0.3877.



This preview shows how white text looks on a background with the Yxy color 24.2095, 0.5635, 0.3877.

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

24.2095, 0.5635, 0.3877

Protanopia

24.4425, 0.4341, 0.4802

Deuteranopia

24.3584, 0.4703, 0.4648



Tritanopia

24.1185, 0.4986, 0.3233

Trichromacy



Original Color

24.2095, 0.5635, 0.3877

Protanomaly

23.3021, 0.4858, 0.4433

Deuteranomaly

23.8055, 0.5077, 0.4338

Tritanomaly

24.0098, 0.5338, 0.3560

Monochromacy



Original Color

24.2095, 0.5635, 0.3877

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.9965, 0.4191, 0.3787

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2095, 0.5635, 0.3877 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(225, 95, 8)` looks like.

```
.text, #text, p{  
    color:rgb(225, 95, 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(225, 95, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 95, 8) }
```

Border

The CSS property to change the border of an element to Yxy 24.2095, 0.5635, 0.3877 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(225, 95, 8) }
```

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

```
.border{ border-color:rgb(225, 95, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 95, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 95, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 95, 8);  
box-shadow:4px 4px 4px 4px rgb(225, 95, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 24.2095, 0.5635, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 95, 8) }
```

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

```
.background{ background-color: rgb(225, 95,  
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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