

Converting Colors

$Y_{xy}(30.3737, 0.5257, 0.3790)$

Have a look what the booklet for
Yxy(30.3737, 0.5257, 0.3790)
contains.

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Color

Yxy(30.4665, 0.5258, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	EF713A
RGB	239, 113, 58
RGB Percent	94%, 44%, 23%
CMY	0.0627, 0.5569, 0.7726
CMYK	0.00, 0.53, 0.76, 0.06
HSL	18°, 85%, 58%
HSV	18°, 76%, 94%
XYZ	42.2672, 30.4665, 7.6528
YIQ	144.4040, 92.7510, 9.6070

Conversions

Conversions Part 2

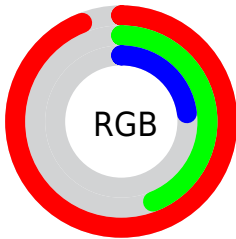
Format	Color
R _Y B	239, 137, 58
Decimal	15692090
CIE Lab	62.05, 45.20, 52.04
CIE LCh	62, 68.930, 49.023
Yxy	30.4665, 0.5258, 0.3790
Android (android.graphics.Color)	4293882170 (0xFFEF713A)
YUV	144.4040, -42.5972, 82.9607
Hunter-Lab	55.1965, 40.0943, 30.4172

Details

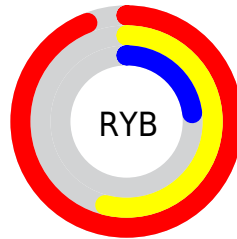
The Yxy color **30.4665, 0.5258, 0.3790** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **41.4060, 0.2105, 0.2529**, and the grayscale version is **28.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9801, 0.4494, 0.3888**, and **12.4706, 0.5833, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **26.9008, 0.5601, 0.3757**, and if you desaturate by 10%, it is **34.8288, 0.4887, 0.3778**.

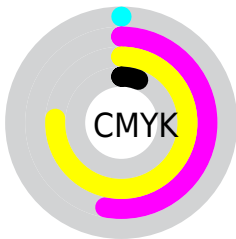
Distribution



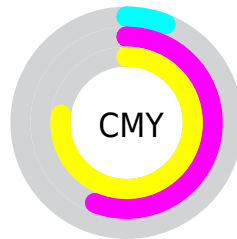
- Red (94%)
- Green (44%)
- Blue (23%)



- Red (94%)
- Yellow (54%)
- Blue (23%)



- Cyan (0%)
- Magenta (53%)
- Yellow (76%)
- Black (6%)





- Cyan (6%)
- Magenta (56%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4665, 0.5258, 0.3790 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 30.4665, 0.5258, 0.3790 by changing the saturation by 10% instead.

 30.4665, 0.5258,
0.3790


 30.4665, 0.5258,
0.3790


304.0729, 0.4158,
0.3648

 20.1929, 0.5516,
0.3775


 60.3991, 0.4864,
0.3773


 12.5354, 0.5826,
0.3725


 80.8270, 0.4713,
0.3756

 7.1094, 0.6248,
0.3636


 105.4085, 0.4585,
0.3737

 3.5306, 0.6636,
0.3364

 134.5279, 0.4475,
0.3718

 1.4146, 0.7113,
0.2887

 168.5696, 0.4379,
0.3699

 0.2275, 0.8616,
0.1384

 207.9181, 0.4296,

 0.0000, 1.0000,

0.3681

0.0000

252.9577, 0.4223,
0.3664

■ 0.0000, 0.0000,
0.0000

■ 30.4665, 0.5258,
0.3790

■ 30.4665, 0.5258,
0.3790

■ 26.9008, 0.5601,
0.3757

■ 34.8288, 0.4887,
0.3778

■ 24.0723, 0.5880,
0.3676


■ 40.0307, 0.4522,
0.3731


■ 23.0709, 0.5979,
0.3634


■ 46.1180, 0.4184,
0.3662

■ 53.1313, 0.3884,
0.3581

■ 61.1084, 0.3625,
0.3496

 70.0850, 0.3406,
0.3413

 80.0951, 0.3220,
0.3333

 91.1707, 0.3064,
0.3259

 97.0922, 0.3029,
0.3290

Harmonies

Analogous

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



30.4665, 0.4980, 0.3081



30.4665, 0.5258, 0.3790



30.4665, 0.4846, 0.4546

Triad

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



30.4665, 0.5258, 0.3790



30.4665, 0.2121, 0.4377



30.4665, 0.2019, 0.1750

Complementary

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



30.4665, 0.5258, 0.3790



41.4060, 0.2105, 0.2529

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.



30.4665, 0.1523, 0.1805



30.4665, 0.5258, 0.3790



30.4665, 0.1543, 0.3097

Square

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



30.4665, 0.5258, 0.3790



30.4665, 0.3033, 0.5282



30.4665, 0.1364, 0.2212



30.4665, 0.2892, 0.1977

Rectangle

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



30.4665, 0.5258, 0.3790



30.4665, 0.4324, 0.5017



30.4665, 0.1364, 0.2212



30.4665, 0.1813, 0.1735

Sweetspot

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



30.4682, 0.5258, 0.3790



73.4440, 0.3563, 0.3474



24.8662, 0.3858, 0.2093



14.9509, 0.3649, 0.3505



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.



30.4682, 0.5258, 0.3790



29.2351, 0.5766, 0.3717



61.2760, 0.4378, 0.4651



16.5422, 0.3286, 0.3362



12.9505, 0.5951, 0.3657



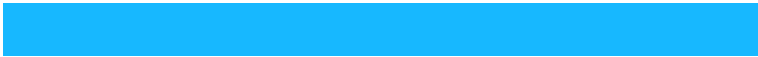
1.2461, 0.5694, 0.3861

Inverse Universe

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



41.4060, 0.2105, 0.2529



41.8777, 0.1999, 0.2348



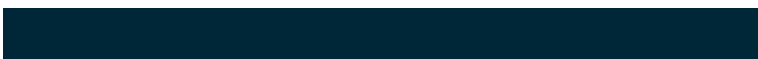
15.1696, 0.1779, 0.1264



17.0707, 0.2981, 0.3217



18.8289, 0.1963, 0.2268



1.7407, 0.2005, 0.2418

Previews

White Background



This preview shows how the Yxy color 30.4665, 0.5258, 0.3790 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4665, 0.5258, 0.3790 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4665, 0.5258, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 30.4665, 0.5258, 0.3790.



This preview shows how white text looks on a background with the Yxy color 30.4665, 0.5258, 0.3790.

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

30.4665, 0.5258, 0.3790

Protanopia

30.7784, 0.4072, 0.4464

Deuteranopia

30.5666, 0.4514, 0.4431



Tritanopia

30.6075, 0.4729, 0.3223

Trichromacy



Original Color

30.4665, 0.5258, 0.3790

Protanomaly

29.6104, 0.4521, 0.4198

Deuteranomaly

30.0250, 0.4810, 0.4171

Tritanomaly

30.4462, 0.4952, 0.3445

Monochromacy



Original Color

30.4665, 0.5258, 0.3790

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5510, 0.3897, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4665, 0.5258, 0.3790 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(239, 113, 58)` looks like.

```
.text, #text, p{  
    color:rgb(239, 113, 58)  
}
```

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(239, 113, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 113, 58) }
```

Border

The CSS property to change the border of an element to Yxy 30.4665, 0.5258, 0.3790 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(239, 113, 58) }
```

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

```
.border{ border-color:rgb(239, 113, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 113, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 113, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 113, 58);  
box-shadow:4px 4px 4px 4px rgb(239, 113,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4665, 0.5258, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 113, 58) }
```

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

```
.background{ background-color: rgb(239,  
113, 58) }
```

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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