

Converting Colors

$Y_{xy}(25.2294, 0.5544, 0.3582)$

Have a look what the booklet for
Yxy(25.2294, 0.5544, 0.3582)
contains.

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Color

Yxy(25.2410, 0.5542, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	ED5835
RGB	237, 88, 53
RGB Percent	93%, 35%, 21%
CMY	0.0705, 0.6550, 0.7921
CMYK	0.00, 0.63, 0.78, 0.07
HSL	11°, 84%, 57%
HSV	11°, 78%, 93%
XYZ	39.0633, 25.2410, 6.1816
YIQ	128.5610, 100.0390, 20.7030

Conversions

Conversions Part 2

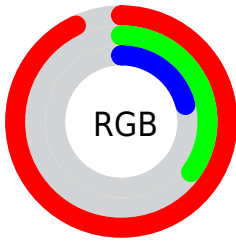
Format	Color
R_{YB}	237, 96, 53
Decimal	15554613
CIE _{Lab}	57.31, 55.76, 49.53
CIE _{LCh}	57, 74.578, 41.614
Yxy	25.2410, 0.5542, 0.3581
Android (android.graphics.Color)	4293744693 (0xFFED5835)
YUV	128.5610, -37.2516, 95.1010
Hunter-Lab	50.2404, 50.8678, 27.8732

Details

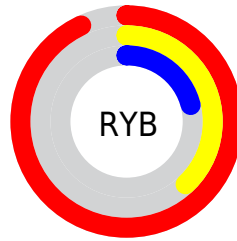
The Yxy color **25.2410, 0.5542, 0.3581** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **49.1336, 0.2169, 0.2813**, and the grayscale version is **21.8967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8642, 0.4724, 0.3700**, and **9.6747, 0.6225, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **22.3289, 0.5904, 0.3537**, and if you desaturate by 10%, it is **29.0934, 0.5127, 0.3591**.

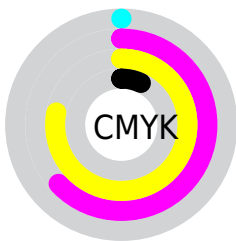
Distribution



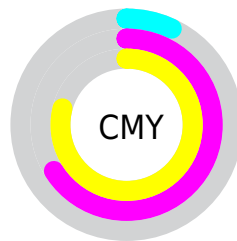
- Red (93%)
- Green (35%)
- Blue (21%)



- Red (93%)
- Yellow (38%)
- Blue (21%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (7%)





- Cyan (7%)
- Magenta (66%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2410, 0.5542, 0.3581 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 25.2410, 0.5542, 0.3581 by changing the saturation by 10% instead.


 25.2410, 0.5542,
0.3581


 25.2410, 0.5542,
0.3581


279.0360, 0.4261,
0.3566


 16.2567, 0.5851,
0.3524

 52.0479, 0.5076,
0.3618


 9.7060, 0.6223,
0.3412


 70.6393, 0.4899,
0.3618


 5.2045, 0.6755,
0.3245

 93.2019, 0.4750,
0.3613

 2.3677, 0.7178,
0.2822

 120.1200, 0.4623,
0.3606

 0.8092, 0.7818,
0.2182

 151.7781, 0.4513,
0.3596

 0.0000, 1.0000,
0.0000

 188.5606, 0.4418,

 0.0000, 0.0000,

0.3586

0.0000

230.8517, 0.4334,
0.3576

■ 25.2410, 0.5542,
0.3581

■ 25.2410, 0.5542,
0.3581

■ 22.3289, 0.5904,
0.3537

■ 29.0934, 0.5127,
0.3591

■ 20.2671, 0.6166,
0.3463

■ 33.9550, 0.4708,
0.3571


■ 19.8895, 0.6216,
0.3446


■ 39.8933, 0.4321,
0.3533

■ 46.9685, 0.3981,
0.3484

■ 55.2361, 0.3693,
0.3430

 64.7481, 0.3453,
0.3377

 75.5533, 0.3255,
0.3326

 87.6981, 0.3091,
0.3279

 96.7485, 0.3017,
0.3290

Harmonies

Analogous

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



25.2410, 0.5041, 0.2842



25.2410, 0.5542, 0.3581



25.2410, 0.5190, 0.4402

Triad

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



25.2410, 0.5542, 0.3581



25.2410, 0.2187, 0.4923



25.2410, 0.1715, 0.1570

Complementary

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



25.2410, 0.5542, 0.3581



49.1336, 0.2169, 0.2813

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.



25.2410, 0.1280, 0.1699



25.2410, 0.5542, 0.3581



25.2410, 0.1461, 0.3382

Square

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



25.2410, 0.5542, 0.3581



25.2410, 0.3238, 0.5682



25.2410, 0.1189, 0.2239



25.2410, 0.2567, 0.1745

Rectangle

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



25.2410, 0.5542, 0.3581



25.2410, 0.4642, 0.4983



25.2410, 0.1189, 0.2239



25.2410, 0.1528, 0.1576

Sweetspot

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



25.2425, 0.5542, 0.3581



70.1293, 0.3578, 0.3406



24.8805, 0.3592, 0.1901



14.1652, 0.3669, 0.3426



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.



25.2425, 0.5542, 0.3581



24.8505, 0.6068, 0.3497



50.4057, 0.4594, 0.4483



15.5173, 0.3288, 0.3335



10.9978, 0.6192, 0.3465



0.9929, 0.5938, 0.3667

Inverse Universe

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



49.1336, 0.2169, 0.2813



53.4006, 0.2093, 0.2704



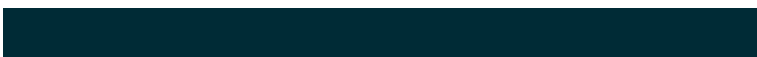
18.3021, 0.1823, 0.1485



16.6068, 0.2981, 0.3244



24.0919, 0.2075, 0.2670



2.0170, 0.2102, 0.2766

Previews

White Background



This preview shows how the Yxy color 25.2410, 0.5542, 0.3581 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 25.2410, 0.5542, 0.3581 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 25.2410, 0.5542, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 25.2410, 0.5542, 0.3581.



This preview shows how white text looks on a background with the Yxy color 25.2410, 0.5542, 0.3581.

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

25.2410, 0.5542, 0.3581

Protanopia

25.3666, 0.4028, 0.4391

Deuteranopia

25.2840, 0.4539, 0.4454



Tritanopia

25.2391, 0.5180, 0.3249

Trichromacy



Original Color

25.2410, 0.5542, 0.3581

Protanomaly

23.9822, 0.4621, 0.4048

Deuteranomaly

24.1945, 0.4957, 0.4081

Tritanomaly

25.1959, 0.5336, 0.3377

Monochromacy



Original Color

25.2410, 0.5542, 0.3581

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2990, 0.4022, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2410, 0.5542, 0.3581 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(237, 88, 53)` looks like.

```
.text, #text, p{  
  color:rgb(237, 88, 53)  
}
```

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(237, 88, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 88, 53) }
```

Border

The CSS property to change the border of an element to Yxy 25.2410, 0.5542, 0.3581 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(237, 88, 53) }
```

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

```
.border{ border-color:rgb(237, 88, 53) }
```

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

Here you see how a box with a 4 pixel rgb(237, 88, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 88, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 88, 53);  
box-shadow:4px 4px 4px 4px rgb(237, 88,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2410, 0.5542, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 88, 53) }
```

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

```
.background{ background-color: rgb(237, 88,  
53) }
```

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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