

Converting Colors

$Yxy(26.8447, 0.5560, 0.3585)$

Have a look what the booklet for
Yxy(26.8447, 0.5560, 0.3585)
contains.

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Color

Yxy(26.8025, 0.5566, 0.3585)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F45A35 |
| RGB | 244, 90, 53 |
| RGB Percent | 96%, 35%, 21% |
| CMY | 0.0430, 0.6471, 0.7922 |
| CMYK | 0.00, 0.63, 0.78, 0.04 |
| HSL | 12°, 90%, 58% |
| HSV | 12°, 78%, 96% |
| XYZ | 41.6130, 26.8025, 6.3474 |
| YIQ | 131.8280, 103.6610, 21.1410 |

Conversions

Conversions Part 2

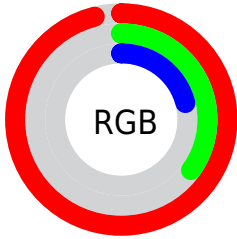
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 244, 99, 53 |
| Decimal | 16013877 |
| CIE _{Lab} | 58.79, 57.29, 51.40 |
| CIE _{LCh} | 59, 76.969, 41.899 |
| Yxy | 26.8025, 0.5566, 0.3585 |
| Android (android.graphics.Color) | 4294203957 (0xFFFF45A35) |
| YUV | 131.8280, -38.8622, 98.3748 |
| Hunter-Lab | 51.7711, 52.8767, 28.9706 |

Details

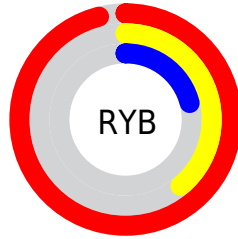
The Yxy color **26.8025, 0.5566, 0.3585** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **51.9307, 0.2162, 0.2798**, and the grayscale version is **23.1224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7771, 0.4702, 0.3730**, and **10.5864, 0.6228, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **23.7429, 0.5922, 0.3538**, and if you desaturate by 10%, it is **30.8578, 0.5153, 0.3597**.

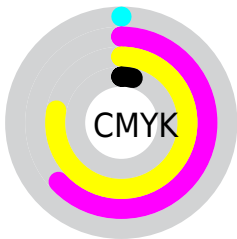
Distribution



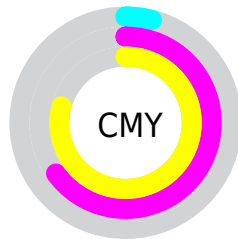
- Red (96%)
- Green (35%)
- Blue (21%)



- Red (96%)
- Yellow (39%)
- Blue (21%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (4%)




- Cyan (4%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8025, 0.5566, 0.3585 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 26.8025, 0.5566, 0.3585 by changing the saturation by 10% instead.


 26.8025, 0.5566,
0.3585

 26.8025, 0.5566,
0.3585


286.6996, 0.4287,
0.3574


 17.4249, 0.5868,
0.3527


 54.5668, 0.5106,
0.3624


 10.5379, 0.6231,
0.3417


 73.7223, 0.4930,
0.3625


 5.7571, 0.6745,
0.3255

 96.9059, 0.4780,
0.3620

 2.6979, 0.7150,
0.2850

 124.5021, 0.4652,
0.3613

 0.9761, 0.7750,
0.2250

 156.8951, 0.4542,
0.3604

 0.0000, 1.0000,
0.0000

 194.4694, 0.4446,

 0.0000, 0.0000,

0.3594

0.0000

237.6095, 0.4362,
0.3584

■ 26.8025, 0.5566,
0.3585

■ 26.8025, 0.5566,
0.3585

■ 23.7429, 0.5922,
0.3538

■ 30.8578, 0.5153,
0.3597

■ 21.5820, 0.6176,
0.3462


■ 35.9825, 0.4735,
0.3579


■ 21.2906, 0.6212,
0.3449

■ 42.2488, 0.4345,
0.3541

■ 49.7206, 0.4002,
0.3491

■ 58.4573, 0.3711,
0.3437

 68.5144, 0.3468,
0.3382

 79.9438, 0.3267,
0.3330

 92.7947, 0.3101,
0.3282

 97.9772, 0.3060,
0.3290

Harmonies

Analogous

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



26.8025, 0.5071, 0.2842



26.8025, 0.5566, 0.3585



26.8025, 0.5198, 0.4413

Triad

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



26.8025, 0.5566, 0.3585



26.8025, 0.2166, 0.4932



26.8025, 0.1709, 0.1556

Complementary

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



26.8025, 0.5566, 0.3585



51.9307, 0.2162, 0.2798

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.



26.8025, 0.1268, 0.1682



26.8025, 0.5566, 0.3585



26.8025, 0.1440, 0.3367

Square

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



26.8025, 0.5566, 0.3585



26.8025, 0.3223, 0.5710



26.8025, 0.1172, 0.2219



26.8025, 0.2571, 0.1736

Rectangle

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



26.8025, 0.5566, 0.3585



26.8025, 0.4641, 0.5001



26.8025, 0.1172, 0.2219



26.8025, 0.1520, 0.1561

Sweetspot

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



26.8040, 0.5566, 0.3585



70.2306, 0.3578, 0.3408



26.3864, 0.3597, 0.1895



14.1891, 0.3669, 0.3428



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.



26.8040, 0.5566, 0.3585



24.7098, 0.6086, 0.3495



53.5804, 0.4607, 0.4488



17.0018, 0.3289, 0.3337



11.7225, 0.6189, 0.3468



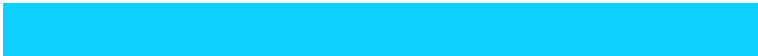
1.1668, 0.5962, 0.3648

Inverse Universe

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



51.9307, 0.2162, 0.2798



52.7210, 0.2086, 0.2686



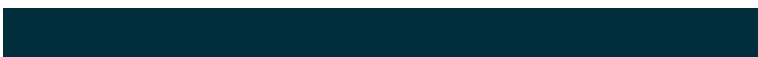
19.2088, 0.1813, 0.1466



18.1805, 0.2980, 0.3243



25.3972, 0.2071, 0.2657



2.3687, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 26.8025, 0.5566, 0.3585 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 26.8025, 0.5566, 0.3585 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 26.8025, 0.5566, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 26.8025, 0.5566, 0.3585.



This preview shows how white text looks on a background with the Yxy color 26.8025, 0.5566, 0.3585.

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

26.8025, 0.5566, 0.3585

Protanopia

26.9315, 0.4041, 0.4421

Deuteranopia

26.9530, 0.4553, 0.4475



Tritanopia

26.8062, 0.5209, 0.3260

Trichromacy



Original Color

26.8025, 0.5566, 0.3585

Protanomaly

25.3436, 0.4644, 0.4063

Deuteranomaly

25.9397, 0.4973, 0.4104

Tritanomaly

26.7647, 0.5359, 0.3383

Monochromacy



Original Color

26.8025, 0.5566, 0.3585

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.5861, 0.4041, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8025, 0.5566, 0.3585 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(244, 90, 53)` looks like.

```
.text, #text, p{  
    color:rgb(244, 90, 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(244, 90, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 90, 53) }
```

Border

The CSS property to change the border of an element to Yxy 26.8025, 0.5566, 0.3585 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(244, 90, 53) }
```

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

```
.border{ border-color:rgb(244, 90, 53) }
```

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

Here you see how a box with a 4 pixel rgb(244, 90, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 90, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 90, 53);  
box-shadow:4px 4px 4px 4px rgb(244, 90,  
53) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.8025, 0.5566, 0.3585$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 90, 53) }
```

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

```
.background{ background-color: rgb(244, 90,  
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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