

# Converting Colors

$Yxy(26.8807, 0.5564, 0.3443)$

Have a look what the booklet for  
Yxy(26.8807, 0.5564, 0.3443)  
contains.

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**Color**

**Yxy(26.8807, 0.5564, 0.3443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA5340
RGB	250, 83, 64
RGB Percent	98%, 33%, 25%
CMY	0.0197, 0.6744, 0.7489
CMYK	0.00, 0.67, 0.74, 0.02
HSL	6°, 95%, 62%
HSV	6°, 74%, 98%
XYZ	43.4401, 26.8807, 7.7527
YIQ	130.7670, 105.6310, 29.4950

# Conversions

## Conversions Part 2

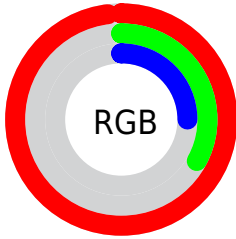
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 85, 64
Decimal	16405312
CIE <sub>Lab</sub>	58.86, 62.45, 46.18
CIE <sub>LCh</sub>	59, 77.673, 36.481
Yxy	26.8807, 0.5564, 0.3443
Android (android.graphics.Color)	4294595392 (0xFFFA5340)
YUV	130.7670, -32.9161, 104.5673
Hunter-Lab	51.8466, 58.8261, 27.4269

# Details

The Yxy color **26.8807, 0.5564, 0.3443** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **65.1348, 0.2245, 0.3050**, and the grayscale version is **22.7053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2084, 0.4638, 0.3566**, and **10.5099, 0.6263, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **23.7610, 0.5960, 0.3418**, and if you desaturate by 10%, it is **31.2421, 0.5112, 0.3448**.

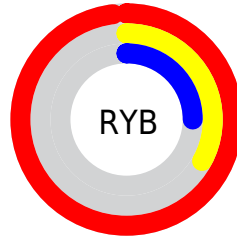
# Distribution



Red (98%)

Green (33%)

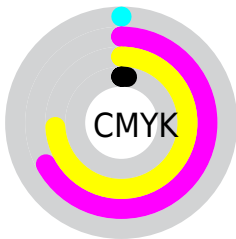
Blue (25%)



Red (98%)

Yellow (33%)

Blue (25%)

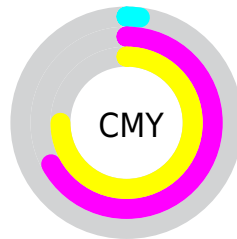


Cyan (0%)

Magenta (67%)

Yellow (74%)

Black (2%)



Cyan (2%)

Magenta (67%)


Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8807, 0.5564, 0.3443 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 26.8807, 0.5564, 0.3443 by changing the saturation by 10% instead.





 26.8807, 0.5564,  
0.3443


 26.8807, 0.5564,  
0.3443

287.0790, 0.4274,  
0.3492


 17.4836, 0.5878,  
0.3378


 54.6924, 0.5094,  
0.3499


 10.5799, 0.6262,  
0.3262


 73.8758, 0.4916,  
0.3508

 5.7851, 0.6784,  
0.3083

 97.0901, 0.4766,  
0.3511

 2.7149, 0.7295,  
0.2705

 124.7197, 0.4638,  
0.3510

 0.9847, 0.7903,  
0.2097

 157.1490, 0.4527,  
0.3507

 0.0000, 1.0000,  
0.0000

 194.7624, 0.4432,

 0.0000, 0.0000,


0.3503


0.0000

237.9443, 0.4348,  
0.3498


 26.8807, 0.5564,  
0.3443


 26.8807, 0.5564,  
0.3443


 23.7610, 0.5960,  
0.3418


 31.2421, 0.5112,  
0.3448


 21.7482, 0.6238,  
0.3375


 36.9526, 0.4665,  
0.3436


 21.0402, 0.6336,  
0.3351


 44.1132, 0.4260,  
0.3414

 52.8137, 0.3913,  
0.3387

 63.1369, 0.3625,  
0.3357

 75.1596, 0.3390,  
0.3328

 88.9537, 0.3199,  
0.3301

 99.0615, 0.3096,  
0.3290

# Harmonies

## Analogous

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



26.8807, 0.4901, 0.2710



26.8807, 0.5564, 0.3443



26.8807, 0.5327, 0.4256

# Triad

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



26.8807, 0.5564, 0.3443



26.8807, 0.2334, 0.5188



26.8807, 0.1591, 0.1545

# Complementary

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



26.8807, 0.5564, 0.3443



65.1348, 0.2245, 0.3050

# 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.



26.8807, 0.1217, 0.1733



26.8807, 0.5564, 0.3443



26.8807, 0.1525, 0.3643

# Square

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



26.8807, 0.5564, 0.3443



26.8807, 0.3422, 0.5722



26.8807, 0.1180, 0.2367



26.8807, 0.2375, 0.1673



# Rectangle

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



26.8807, 0.5564, 0.3443



26.8807, 0.4815, 0.4848



26.8807, 0.1180, 0.2367



26.8807, 0.1426, 0.1569

# Sweetspot

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



26.8823, 0.5564, 0.3443



68.8659, 0.3565, 0.3350



29.7824, 0.3394, 0.1814



14.0513, 0.3634, 0.3358



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.



26.8823, 0.5564, 0.3443



23.7328, 0.6108, 0.3400



51.5863, 0.4679, 0.4326



17.5104, 0.3292, 0.3315



11.2558, 0.6320, 0.3364



1.1342, 0.6164, 0.3488

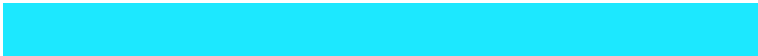


# Inverse Universe

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



65.1348, 0.2245, 0.3050



65.0736, 0.2180, 0.2998



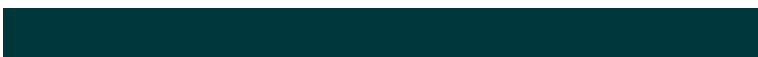
26.2863, 0.1916, 0.1767



19.2876, 0.2980, 0.3265



32.1928, 0.2157, 0.2965



3.0664, 0.2169, 0.3007



# Previews

## White Background



This preview shows how the Yxy color 26.8807, 0.5564, 0.3443 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 26.8807, 0.5564, 0.3443 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 26.8807, 0.5564, 0.3443**

## Background



This preview shows how black text looks on a background with the Yxy color 26.8807, 0.5564, 0.3443.



This preview shows how white text looks on a background with the Yxy color 26.8807, 0.5564, 0.3443.

# 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

26.8807, 0.5564, 0.3443

### Protanopia

27.0385, 0.3893, 0.4220

### Deuteranopia

26.9321, 0.4462, 0.4380



## Tritanopia

26.8866, 0.5372, 0.3264

# Trichromacy



## Original Color

26.8807, 0.5564, 0.3443

## Protanomaly

25.1437, 0.4543, 0.3888

## Deuteranomaly

25.6236, 0.4932, 0.3964

## Tritanomaly

26.9299, 0.5447, 0.3329

# Monochromacy



## Original Color

26.8807, 0.5564, 0.3443

## Achromatopsia

22.6966, 0.3127, 0.3290

## Achromatomaly

22.0948, 0.4018, 0.3398

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.8807, 0.5564, 0.3443 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(250, 83, 64)` looks like.

```
.text, #text, p{  
  color:rgb(250, 83, 64)  
}
```

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(250, 83, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 83, 64) }
```

## Border

The CSS property to change the border of an element to Yxy 26.8807, 0.5564, 0.3443 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(250, 83, 64) }
```

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

```
.border{ border-color:rgb(250, 83, 64) }
```

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

Here you see how a box with a 4 pixel rgb(250, 83, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 83, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 83, 64);  
box-shadow:4px 4px 4px 4px rgb(250, 83,  
64) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.8807, 0.5564, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 83, 64) }
```

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

```
.background{ background-color: rgb(250, 83,  
64) }
```

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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