

Converting Colors

$Y_{xy}(27.5826, 0.5470, 0.3434)$

Have a look what the booklet for
Yxy(27.5826, 0.5470, 0.3434)
contains.

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Color

Yxy(27.5826, 0.5470, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	FA5746
RGB	250, 87, 70
RGB Percent	98%, 34%, 27%
CMY	0.0196, 0.6587, 0.7255
CMYK	0.00, 0.65, 0.72, 0.02
HSL	6°, 95%, 63%
HSV	6°, 72%, 98%
XYZ	43.9362, 27.5826, 8.8033
YIQ	133.7990, 102.6050, 29.2690

Conversions

Conversions Part 2

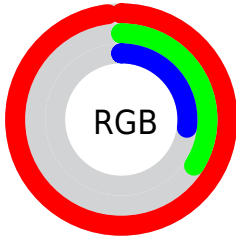
Format	Color
R_{YB}	250, 89, 70
Decimal	16406342
CIE _{Lab}	59.51, 61.13, 43.71
CIE _{LCh}	60, 75.147, 35.565
Yxy	27.5826, 0.5470, 0.3434
Android (android.graphics.Color)	4294596422 (0xFFFA5746)
YUV	133.7990, -31.4529, 101.9083
Hunter-Lab	52.5191, 57.4201, 26.8252

Details

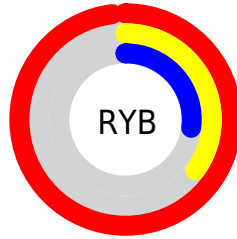
The Yxy color **27.5826, 0.5470, 0.3434** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **66.4693, 0.2264, 0.3076**, and the grayscale version is **23.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5384, 0.4550, 0.3549**, and **10.9708, 0.6161, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **24.2221, 0.5886, 0.3415**, and if you desaturate by 10%, it is **32.2263, 0.5012, 0.3435**.

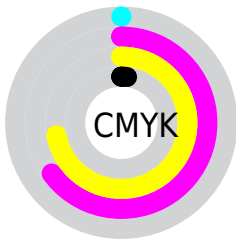
Distribution



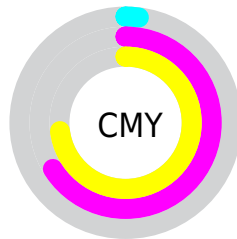
- Red (98%)
- Green (34%)
- Blue (27%)



- Red (98%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (72%)
- Black (2%)




- Cyan (2%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5826, 0.5470, 0.3434 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 27.5826, 0.5470, 0.3434 by changing the saturation by 10% instead.


 27.5826, 0.5470,
0.3434


 27.5826, 0.5470,
0.3434


290.4670, 0.4227,
0.3475


 18.0113, 0.5777,
0.3376

 55.8174, 0.5014,
0.3483


 10.9581, 0.6156,
0.3273

 75.2495, 0.4843,
0.3490


 6.0386, 0.6645,
0.3098

 98.7375, 0.4699,
0.3493

 2.8686, 0.7226,
0.2774

 126.6655, 0.4576,
0.3492

 1.0635, 0.7817,
0.2183

 159.4181, 0.4470,
0.3489

 0.0000, 1.0000,
0.0000


197.3796, 0.4378,


 0.0000, 0.0000,


0.3485

0.0000


240.9345, 0.4298,
0.3480

 27.5826, 0.5470,
0.3434


 27.5826, 0.5470,
0.3434


 24.2221, 0.5886,
0.3415


 32.2263, 0.5012,
0.3435


 22.0110, 0.6195,
0.3378


 38.2602, 0.4570,
0.3421

 20.9607, 0.6343,
0.3346

 45.7853, 0.4176,
0.3399

 54.8920, 0.3841,
0.3373

 65.6635, 0.3565,
0.3346

 78.1771, 0.3341,
0.3319

 92.5053, 0.3159,
0.3295

 99.0625, 0.3096,
0.3290

Harmonies

Analogous

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



27.5826, 0.4799, 0.2715



27.5826, 0.5470, 0.3434



27.5826, 0.5282, 0.4227

Triad

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



27.5826, 0.5470, 0.3434



27.5826, 0.2403, 0.5132



27.5826, 0.1621, 0.1596

Complementary

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



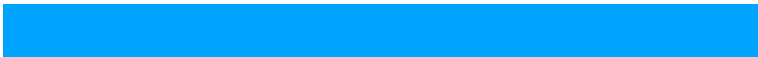
27.5826, 0.5470, 0.3434



66.4693, 0.2264, 0.3076

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.



27.5826, 0.1263, 0.1796



27.5826, 0.5470, 0.3434



27.5826, 0.1599, 0.3681

Square

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



27.5826, 0.5470, 0.3434



27.5826, 0.3466, 0.5621



27.5826, 0.1241, 0.2437



27.5826, 0.2374, 0.1712

Rectangle

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



27.5826, 0.5470, 0.3434



27.5826, 0.4806, 0.4795



27.5826, 0.1241, 0.2437



27.5826, 0.1462, 0.1624

Sweetspot

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



27.5842, 0.5470, 0.3434



68.6612, 0.3566, 0.3346



30.7012, 0.3353, 0.1818



14.0040, 0.3636, 0.3353



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.



27.5842, 0.5470, 0.3434



24.2558, 0.6029, 0.3402



51.4237, 0.4652, 0.4283



17.4889, 0.3292, 0.3313



11.2079, 0.6328, 0.3357



1.1240, 0.6181, 0.3474

Inverse Universe

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



66.4693, 0.2264, 0.3076



66.5892, 0.2196, 0.3030



28.4546, 0.1958, 0.1863



19.3115, 0.2980, 0.3267



32.7350, 0.2164, 0.2990



3.1110, 0.2175, 0.3029

Previews

White Background



This preview shows how the Yxy color 27.5826, 0.5470, 0.3434 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 27.5826, 0.5470, 0.3434 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 27.5826, 0.5470, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 27.5826, 0.5470, 0.3434.



This preview shows how white text looks on a background with the Yxy color 27.5826, 0.5470, 0.3434.

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

27.5826, 0.5470, 0.3434

Protanopia

27.8359, 0.3834, 0.4155

Deuteranopia

27.6825, 0.4398, 0.4329



Tritanopia

27.5711, 0.5282, 0.3254

Trichromacy



Original Color

27.5826, 0.5470, 0.3434

Protanomaly

25.8515, 0.4469, 0.3840

Deuteranomaly

26.4012, 0.4835, 0.3937

Tritanomaly

27.6154, 0.5359, 0.3322

Monochromacy



Original Color

27.5826, 0.5470, 0.3434

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1004, 0.3973, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5826, 0.5470, 0.3434 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, 87, 70)` looks like.

```
.text, #text, p{  
    color:rgb(250, 87, 70)  
}
```

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, 87, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 87, 70) }
```

Border

The CSS property to change the border of an element to Yxy 27.5826, 0.5470, 0.3434 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, 87, 70) }
```

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

```
.border{ border-color:rgb(250, 87, 70) }
```

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

Here you see how a box with a 4 pixel rgb(250, 87, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 87, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 87, 70);  
box-shadow:4px 4px 4px 4px rgb(250, 87,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5826, 0.5470, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 87, 70) }
```

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

```
.background{ background-color: rgb(250, 87,  
70) }
```

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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