

Converting Colors

$Y_{xy}(27.4438, 0.5452, 0.3289)$

Have a look what the booklet for
Yxy(27.4438, 0.5452, 0.3289)
contains.

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Color

Yxy(27.4312, 0.5454, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F50
RGB	255, 79, 80
RGB Percent	100%, 31%, 31%
CMY	0.0000, 0.6902, 0.6863
CMYK	0.00, 0.69, 0.69, 0.00
HSL	360°, 100%, 65%
HSV	360°, 69%, 100%
XYZ	45.4879, 27.4312, 10.4837
YIQ	131.7380, 104.5750, 37.6230

Conversions

Conversions Part 2

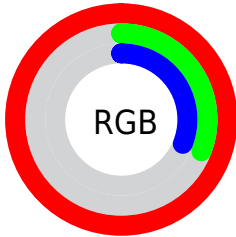
Format	Color
R_{YB}	255, 79, 80
Decimal	16731984
CIE _{Lab}	59.37, 66.22, 38.28
CIE _{LCh}	59, 76.494, 30.031
Yxy	27.4312, 0.5454, 0.3289
Android (android.graphics.Color)	4294922064 (0xFFFF4F50)
YUV	131.7380, -25.5068, 108.1008
Hunter-Lab	52.3748, 63.3727, 24.7944

Details

The Yxy color **27.4312, 0.5454, 0.3289** 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 **80.3382, 0.2336, 0.3299**, and the grayscale version is **23.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0487, 0.4471, 0.3376**, and **11.1977, 0.6122, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **24.1237, 0.5897, 0.3292**, and if you desaturate by 10%, it is **32.2871, 0.4970, 0.3288**.

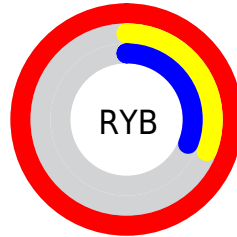
Distribution



Red (100%)

Green (31%)

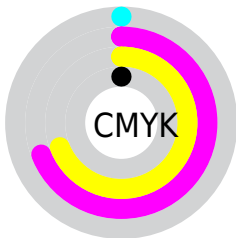
Blue (31%)



Red (100%)

Yellow (31%)

Blue (31%)

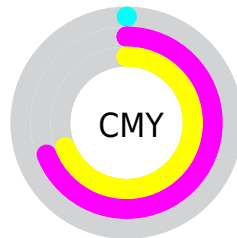


Cyan (0%)

Magenta (69%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4312, 0.5454, 0.3289 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 27.4312, 0.5454, 0.3289 by changing the saturation by 10% instead.

 27.4312, 0.5454,
0.3289


 27.4312, 0.5454,
0.3289


289.7389, 0.4210,
0.3393


 17.8973, 0.5768,
0.3222


 55.5750, 0.4994,
0.3356


 10.8763, 0.6162,
0.3110


 74.9538, 0.4822,
0.3372


 5.9837, 0.6658,
0.2920

 98.3830, 0.4678,
0.3382

 2.8352, 0.7372,
0.2628

 126.2469, 0.4556,
0.3388

 1.0463, 0.7973,
0.2027

 158.9301, 0.4451,
0.3392

 0.0000, 1.0000,
0.0000

196.8169, 0.4360,

 0.0000, 0.0000,

0.3393

0.0000

240.2917, 0.4280,
0.3394

■ 27.4312, 0.5454,
0.3289

■ 27.4312, 0.5454,
0.3289

■ 24.1237, 0.5897,
0.3292

■ 32.2871, 0.4970,
0.3288

■ 22.1802, 0.6222,
0.3295

■ 38.8538, 0.4509,
0.3287


■ 21.3227, 0.6385,
0.3297

■ 47.2692, 0.4106,
0.3287

■ 21.2632, 0.6397,
0.3298

■ 57.6579, 0.3771,
0.3288

■ 70.1338, 0.3501,
0.3288

 84.8023, 0.3284,
0.3289

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



27.4312, 0.4619, 0.2577



27.4312, 0.5454, 0.3289



27.4312, 0.5405, 0.4073

Triad

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



27.4312, 0.5454, 0.3289



27.4312, 0.2574, 0.5369



27.4312, 0.1505, 0.1583

Complementary

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



27.4312, 0.5454, 0.3289



80.3382, 0.2336, 0.3299

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.



27.4312, 0.1209, 0.1851



27.4312, 0.5454, 0.3289



27.4312, 0.1689, 0.3977

Square

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



27.4312, 0.5454, 0.3289



27.4312, 0.3664, 0.5615



27.4312, 0.1248, 0.2603



27.4312, 0.2186, 0.1646

Rectangle

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



27.4312, 0.5454, 0.3289



27.4312, 0.4978, 0.4646



27.4312, 0.1248, 0.2603



27.4312, 0.1368, 0.1631

Sweetspot

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



27.4299, 0.5454, 0.3289



67.4959, 0.3550, 0.3288



33.5188, 0.3171, 0.1742



13.6889, 0.3622, 0.3288



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.



27.4299, 0.5454, 0.3289



23.1993, 0.6044, 0.3293



48.3978, 0.4735, 0.4097



17.9887, 0.3294, 0.3289



11.1112, 0.6395, 0.3297



1.0824, 0.6381, 0.3289

Inverse Universe

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



27.4299, 0.5454, 0.3289



23.1993, 0.6044, 0.3293



37.6051, 0.2057, 0.2171



17.9887, 0.3294, 0.3289



11.1112, 0.6395, 0.3297



1.0824, 0.6381, 0.3289

Previews

White Background



This preview shows how the Yxy color 27.4312, 0.5454, 0.3289 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 27.4312, 0.5454, 0.3289 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 27.4312, 0.5454, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 27.4312, 0.5454, 0.3289.

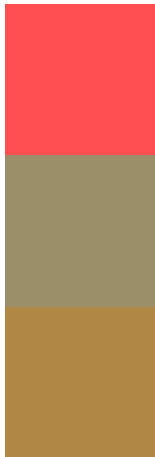


This preview shows how white text looks on a background with the Yxy color 27.4312, 0.5454, 0.3289.

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

27.4312, 0.5454, 0.3289

Protanopia

27.5144, 0.3653, 0.3918

Deuteranopia

27.2806, 0.4300, 0.4217



Tritanopia

27.4765, 0.5418, 0.3265

Trichromacy



Original Color

27.4312, 0.5454, 0.3289

Protanomaly

25.3355, 0.4341, 0.3634

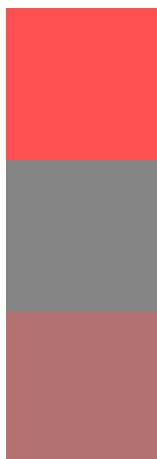
Deuteranomaly

25.7350, 0.4785, 0.3784

Tritanomaly

27.4612, 0.5430, 0.3273

Monochromacy



Original Color

27.4312, 0.5454, 0.3289

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3496, 0.3980, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4312, 0.5454, 0.3289 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(255, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 80)  
}
```

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(255, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 80) }
```

Border

The CSS property to change the border of an element to Yxy 27.4312, 0.5454, 0.3289 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(255, 79, 80) }
```

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

```
.border{ border-color:rgb(255, 79, 80) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4312, 0.5454, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 80) }
```

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

```
.background{ background-color: rgb(255, 79,  
80) }
```

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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