

Converting Colors

$Yxy(27.5209, 0.5426, 0.3275)$

Have a look what the booklet for
Yxy(27.5209, 0.5426, 0.3275)
contains.

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Color

Yxy(27.4612, 0.5430, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F52
RGB	255, 79, 82
RGB Percent	100%, 31%, 32%
CMY	0.0000, 0.6901, 0.6784
CMYK	0.00, 0.69, 0.68, 0.00
HSL	359°, 100%, 65%
HSV	359°, 69%, 100%
XYZ	45.5589, 27.4612, 10.8821
YIQ	131.9660, 103.9330, 38.2450

Conversions

Conversions Part 2

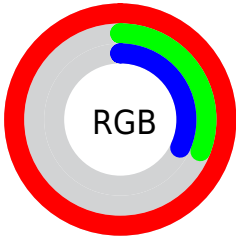
Format	Color
R_{YB}	255, 79, 82
Decimal	16731986
CIE _{Lab}	59.40, 66.31, 37.18
CIE _{LCh}	59, 76.024, 29.282
Yxy	27.4612, 0.5430, 0.3273
Android (android.graphics.Color)	4294922066 (0xFFFF4F52)
YUV	131.9660, -24.6332, 107.9008
Hunter-Lab	52.4034, 63.4797, 24.3702

Details

The Yxy color **27.4612, 0.5430, 0.3273** 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 **80.2110, 0.2343, 0.3323**, and the grayscale version is **23.1261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1029, 0.4449, 0.3356**, and **11.2099, 0.6096, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **24.1478, 0.5874, 0.3278**, and if you desaturate by 10%, it is **32.3269, 0.4948, 0.3271**.

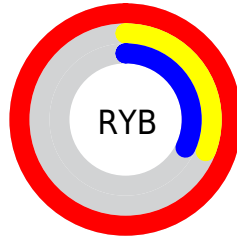
Distribution



Red (100%)

Green (31%)

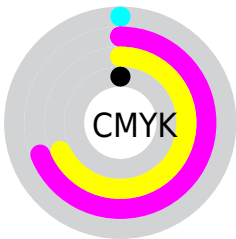
Blue (32%)



Red (100%)

Yellow (31%)

Blue (32%)

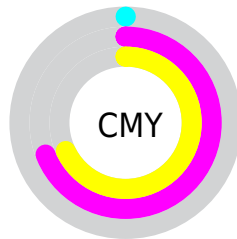


Cyan (0%)

Magenta (69%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4612, 0.5430, 0.3273 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 27.4612, 0.5430, 0.3273 by changing the saturation by 10% instead.

 27.4612, 0.5430,
0.3273


 27.4612, 0.5430,
0.3273


289.8833, 0.4197,
0.3382


 17.9199, 0.5743,
0.3206


 55.6231, 0.4973,
0.3341

 10.8925, 0.6137,
0.3095


 75.0124, 0.4803,
0.3358


 5.9946, 0.6634,
0.2908

 98.4532, 0.4660,
0.3368

 2.8418, 0.7373,
0.2627

 126.3299, 0.4539,
0.3375

 1.0497, 0.7974,
0.2026

 159.0269, 0.4435,
0.3379

 0.0000, 1.0000,
0.0000

196.9285, 0.4345,

 0.0000, 0.0000,


0.3381

0.0000


240.4192, 0.4266,
0.3382


 27.4612, 0.5430,
0.3273


 27.4612, 0.5430,
0.3273


 24.1478, 0.5874,
0.3278


 32.3269, 0.4948,
0.3271


 22.1945, 0.6206,
0.3286


 38.8980, 0.4492,
0.3272


 21.3293, 0.6377,
0.3293

 47.3146, 0.4094,
0.3275

 21.2693, 0.6389,
0.3293

 57.7010, 0.3764,
0.3279

 70.1708, 0.3496,
0.3283

 84.8289, 0.3282,
0.3287

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



27.4612, 0.4580, 0.2565



27.4612, 0.5430, 0.3273



27.4612, 0.5405, 0.4053

Triad

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



27.4612, 0.5430, 0.3273



27.4612, 0.2605, 0.5376



27.4612, 0.1501, 0.1593

Complementary

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



27.4612, 0.5430, 0.3273



80.2110, 0.2343, 0.3323

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.



27.4612, 0.1214, 0.1871



27.4612, 0.5430, 0.3273



27.4612, 0.1715, 0.4012

Square

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



27.4612, 0.5430, 0.3273



27.4612, 0.3692, 0.5592



27.4612, 0.1263, 0.2635



27.4612, 0.2169, 0.1649

Rectangle

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



27.4612, 0.5430, 0.3273



27.4612, 0.4991, 0.4621



27.4612, 0.1263, 0.2635



27.4612, 0.1367, 0.1644

Sweetspot

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



27.4628, 0.5430, 0.3273



67.5247, 0.3545, 0.3282



32.9779, 0.3143, 0.1729



13.6956, 0.3616, 0.3281



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.



27.4628, 0.5430, 0.3273



23.2181, 0.6024, 0.3281



47.3630, 0.4761, 0.4069



17.9921, 0.3292, 0.3286



11.1159, 0.6384, 0.3290



1.0840, 0.6342, 0.3268

Inverse Universe

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



27.4628, 0.5430, 0.3273



23.2181, 0.6024, 0.3281



38.7208, 0.2067, 0.2212



17.9921, 0.3292, 0.3286



11.1159, 0.6384, 0.3290



1.0840, 0.6342, 0.3268

Previews

White Background



This preview shows how the Yxy color 27.4612, 0.5430, 0.3273 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 27.4612, 0.5430, 0.3273 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 27.4612, 0.5430, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 27.4612, 0.5430, 0.3273.



This preview shows how white text looks on a background with the Yxy color 27.4612, 0.5430, 0.3273.

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

27.4612, 0.5430, 0.3273

Protanopia

27.5556, 0.3632, 0.3886

Deuteranopia

27.3063, 0.4281, 0.4193



Tritanopia

27.4765, 0.5418, 0.3265

Trichromacy



Original Color

27.4612, 0.5430, 0.3273

Protanomaly

25.3724, 0.4316, 0.3607

Deuteranomaly

25.7624, 0.4763, 0.3763

Tritanomaly

27.4765, 0.5418, 0.3265

Monochromacy



Original Color

27.4612, 0.5430, 0.3273

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3723, 0.3966, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4612, 0.5430, 0.3273 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 82) }
```

Border

The CSS property to change the border of an element to Yxy 27.4612, 0.5430, 0.3273 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, 82) }
```

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

```
.border{ border-color:rgb(255, 79, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4612, 0.5430, 0.3273 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, 82) }
```

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

```
.background{ background-color: rgb(255, 79,  
82) }
```

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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