

Converting Colors

$Yxy(27.5565, 0.5357, 0.3223)$

Have a look what the booklet for
Yxy(27.5565, 0.5357, 0.3223)
contains.

Yxy(27.5565, 0.5357, 0.3223)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.5565, 0.5357, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F58
RGB	255, 79, 88
RGB Percent	100%, 31%, 35%
CMY	0.0000, 0.6902, 0.6548
CMYK	0.00, 0.69, 0.65, 0.00
HSL	357°, 100%, 65%
HSV	357°, 69%, 100%
XYZ	45.8021, 27.5565, 12.1409
YIQ	132.6500, 102.0070, 40.1110

Conversions

Conversions Part 2

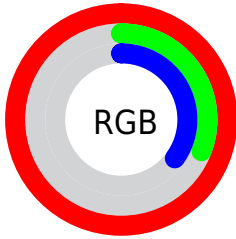
Format	Color
R_{YB}	255, 79, 88
Decimal	16731992
CIE Lab	59.49, 66.63, 33.88
CIE LCh	59, 74.751, 26.956
Yxy	27.5565, 0.5357, 0.3223
Android (android.graphics.Color)	4294922072 (0xFFFF4F58)
YUV	132.6500, -22.0125, 107.3010
Hunter-Lab	52.4943, 63.8791, 23.0333

Details

The Yxy color **27.5565, 0.5357, 0.3223** 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 **79.8340, 0.2366, 0.3396**, and the grayscale version is **23.3731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.2719, 0.4383, 0.3294**, and **11.2508, 0.6010, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **24.2193, 0.5803, 0.3234**, and if you desaturate by 10%, it is **32.4340, 0.4885, 0.3222**.

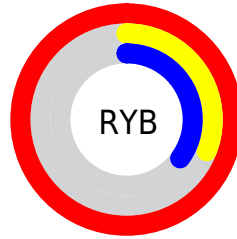
Distribution



Red (100%)

Green (31%)

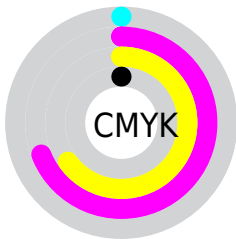
Blue (35%)



Red (100%)

Yellow (31%)

Blue (35%)

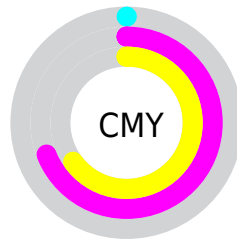


Cyan (0%)

Magenta (69%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5565, 0.5357, 0.3223 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 27.5565, 0.5357, 0.3223 by changing the saturation by 10% instead.


 27.5565, 0.5357,
0.3223


 27.5565, 0.5357,
0.3223


290.3416, 0.4159,
0.3347


 17.9916, 0.5665,
0.3156


 55.7756, 0.4910,
0.3294

 10.9440, 0.6057,
0.3049


 75.1986, 0.4745,
0.3312

 6.0292, 0.6559,
0.2869

 98.6764, 0.4607,
0.3325

 2.8628, 0.7377,
0.2623

 126.5934, 0.4489,
0.3333

 1.0605, 0.7976,
0.2024

 159.3341, 0.4389,
0.3339

 0.0000, 1.0000,
0.0000

197.2827, 0.4302,

 0.0000, 0.0000,

0.3343

0.0000

240.8238, 0.4226,
0.3346

■ 27.5565, 0.5357,
0.3223

■ 27.5565, 0.5357,
0.3223

■ 24.2193, 0.5803,
0.3234

■ 32.4340, 0.4885,
0.3222

■ 22.2407, 0.6152,
0.3255

■ 39.0115, 0.4443,
0.3228


■ 21.3498, 0.6351,
0.3279

■ 47.4249, 0.4060,
0.3239

■ 21.2893, 0.6364,
0.3279

■ 57.7973, 0.3742,
0.3252

■ 70.2411, 0.3484,
0.3266

 84.8604, 0.3277,
0.3279

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.



27.5565, 0.4463, 0.2527



27.5565, 0.5357, 0.3223



27.5565, 0.5404, 0.3990

Triad

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



27.5565, 0.5357, 0.3223



27.5565, 0.2700, 0.5396



27.5565, 0.1488, 0.1624

Complementary

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



27.5565, 0.5357, 0.3223



79.8340, 0.2366, 0.3396

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.



27.5565, 0.1229, 0.1932



27.5565, 0.5357, 0.3223



27.5565, 0.1792, 0.4120

Square

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



27.5565, 0.5357, 0.3223



27.5565, 0.3776, 0.5525



27.5565, 0.1307, 0.2734



27.5565, 0.2117, 0.1655

Rectangle

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



27.5565, 0.5357, 0.3223



27.5565, 0.5030, 0.4547



27.5565, 0.1307, 0.2734



27.5565, 0.1364, 0.1683

Sweetspot

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



27.5553, 0.5357, 0.3223



67.6125, 0.3530, 0.3263



31.9125, 0.3088, 0.1702



13.7159, 0.3599, 0.3259



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.



27.5553, 0.5357, 0.3223



23.2816, 0.5957, 0.3242



45.3540, 0.4813, 0.4012



18.0022, 0.3286, 0.3278



11.1303, 0.6349, 0.3271



1.0888, 0.6229, 0.3205

Inverse Universe

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



27.5553, 0.5357, 0.3223



23.2816, 0.5957, 0.3242



41.0135, 0.2087, 0.2292



18.0022, 0.3286, 0.3278



11.1303, 0.6349, 0.3271



1.0888, 0.6229, 0.3205

Previews

White Background



This preview shows how the Yxy color 27.5565, 0.5357, 0.3223 looks on a white background.

Color Contrast Check

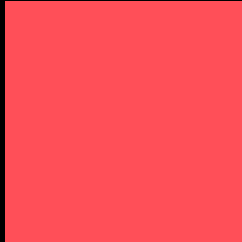
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5565, 0.5357, 0.3223 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 27.5565, 0.5357, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 27.5565, 0.5357, 0.3223.



This preview shows how white text looks on a background with the Yxy color 27.5565, 0.5357, 0.3223.

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

27.5565, 0.5357, 0.3223

Protanopia

27.6321, 0.3536, 0.3759

Deuteranopia

27.5698, 0.4194, 0.4124



Tritanopia

27.6374, 0.5399, 0.3265

Trichromacy



Original Color

27.5565, 0.5357, 0.3223

Protanomaly

25.4000, 0.4204, 0.3500

Deuteranomaly

25.9373, 0.4676, 0.3712

Tritanomaly

27.6532, 0.5387, 0.3256

Monochromacy



Original Color

27.5565, 0.5357, 0.3223

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4417, 0.3925, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5565, 0.5357, 0.3223 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 88) }
```

Border

The CSS property to change the border of an element to Yxy 27.5565, 0.5357, 0.3223 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, 88) }
```

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

```
.border{ border-color:rgb(255, 79, 88) }
```

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, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5565, 0.5357, 0.3223 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, 88) }
```

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

```
.background{ background-color: rgb(255, 79,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor