

Converting Colors

Yxy(33.1814, 0.5367, 0.3351)

Have a look what the booklet for
Yxy(33.1814, 0.5367, 0.3351)
contains.

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Color

Yxy(29.9535, 0.5263, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E57
RGB	255, 94, 87
RGB Percent	100%, 37%, 34%
CMY	0.0000, 0.6313, 0.6590
CMYK	0.00, 0.63, 0.66, 0.00
HSL	3°, 100%, 67%
HSV	3°, 66%, 100%
XYZ	46.9602, 29.9535, 12.3133
YIQ	141.3410, 98.2030, 31.9550

Conversions

Conversions Part 2

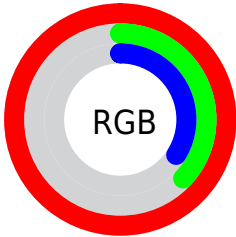
Format	Color
R_{YB}	255, 94, 87
Decimal	16735831
CIE Lab	61.61, 60.73, 37.10
CIE LCh	62, 71.168, 31.420
Yxy	29.9535, 0.5263, 0.3357
Android (android.graphics.Color)	4294925911 (0xFFFF5E57)
YUV	141.3410, -26.7901, 99.6789
Hunter-Lab	54.7298, 57.3824, 24.9716

Details

The Yxy color **29.9535, 0.5263, 0.3357** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **76.3350, 0.2330, 0.3204**, and the grayscale version is **26.8566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1994, 0.4324, 0.3439**, and **12.2164, 0.5909, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **25.9303, 0.5722, 0.3353**, and if you desaturate by 10%, it is **35.5013, 0.4791, 0.3354**.

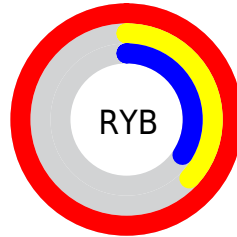
Distribution



Red (100%)

Green (37%)

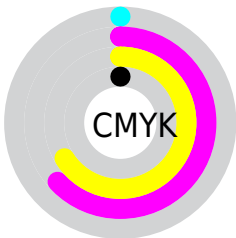
Blue (34%)



Red (100%)

Yellow (37%)

Blue (34%)

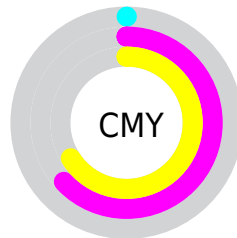


Cyan (0%)

Magenta (63%)

Yellow (66%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9535, 0.5263, 0.3357 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 29.9535, 0.5263, 0.3357 by changing the saturation by 10% instead.


 29.9535, 0.5263,
0.3357


 29.9535, 0.5263,
0.3357


301.6876, 0.4130,
0.3411


 19.8033, 0.5549,
0.3309


 59.5886, 0.4844,
0.3401


 12.2521, 0.5910,
0.3226


 79.8424, 0.4688,
0.3410


 6.9156, 0.6369,
0.3079


 104.2327, 0.4557,
0.3415

 3.4094, 0.7110,
0.2880

 133.1441, 0.4446,
0.3416

 1.3490, 0.7660,
0.2340

 166.9608, 0.4350,
0.3416

 0.1787, 0.9157,
0.0843

206.0674, 0.4267,

 0.0000, 1.0000,

0.3415

0.0000

250.8482, 0.4194,
0.3413

■ 0.0000, 0.0000,
0.0000

■ 29.9535, 0.5263,
0.3357

■ 29.9535, 0.5263,
0.3357

■ 25.9303, 0.5722,
0.3353

■ 35.5013, 0.4791,
0.3354

■ 23.2754, 0.6098,
0.3340

■ 42.6997, 0.4357,
0.3345


■ 21.8086, 0.6327,
0.3320

■ 51.6676, 0.3984,
0.3333

■ 21.4920, 0.6380,
0.3316

■ 62.5112, 0.3676,
0.3321

■ 75.3288, 0.3427,
0.3308

 90.2115, 0.3226,
0.3296

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



29.9535, 0.4530, 0.2673



29.9535, 0.5263, 0.3357



29.9535, 0.5218, 0.4105

Triad

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



29.9535, 0.5263, 0.3357



29.9535, 0.2605, 0.5096



29.9535, 0.1643, 0.1701

Complementary

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



29.9535, 0.5263, 0.3357



76.3350, 0.2330, 0.3204

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.



29.9535, 0.1344, 0.1951



29.9535, 0.5263, 0.3357



29.9535, 0.1787, 0.3852

Square

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



29.9535, 0.5263, 0.3357



29.9535, 0.3620, 0.5419



29.9535, 0.1375, 0.2639



29.9535, 0.2307, 0.1770

Rectangle

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



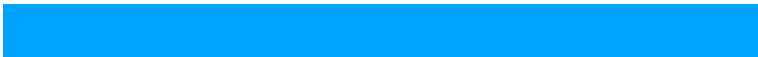
29.9535, 0.5263, 0.3357



29.9535, 0.4833, 0.4630



29.9535, 0.1375, 0.2639



29.9535, 0.1505, 0.1745

Sweetspot

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



29.9552, 0.5263, 0.3357



69.8318, 0.3523, 0.3313



34.9320, 0.3250, 0.1837



14.1820, 0.3593, 0.3317



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.



29.9552, 0.5263, 0.3357



24.9696, 0.5851, 0.3350



53.2232, 0.4577, 0.4158



18.1094, 0.3294, 0.3301



11.2834, 0.6372, 0.3323



1.1398, 0.6303, 0.3377

Inverse Universe

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



76.3350, 0.2330, 0.3204



74.2263, 0.2260, 0.3185



36.2887, 0.2070, 0.2116



20.3427, 0.2980, 0.3279



37.7258, 0.2211, 0.3158



3.7122, 0.2215, 0.3174

Previews

White Background



This preview shows how the Yxy color 29.9535, 0.5263, 0.3357 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 29.9535, 0.5263, 0.3357 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 29.9535, 0.5263, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 29.9535, 0.5263, 0.3357.



This preview shows how white text looks on a background with the Yxy color 29.9535, 0.5263, 0.3357.

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

29.9535, 0.5263, 0.3357

Protanopia

30.0512, 0.3653, 0.3927

Deuteranopia

29.9633, 0.4251, 0.4166



Tritanopia

29.9705, 0.5138, 0.3252

Trichromacy



Original Color

29.9535, 0.5263, 0.3357

Protanomaly

28.2227, 0.4260, 0.3681

Deuteranomaly

28.8166, 0.4655, 0.3821

Tritanomaly

29.8969, 0.5187, 0.3287

Monochromacy



Original Color

29.9535, 0.5263, 0.3357

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7409, 0.3881, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9535, 0.5263, 0.3357 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, 94, 87)` looks like.

```
.text, #text, p{  
  color:rgb(255, 94, 87)  
}
```

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, 94, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 87) }
```

Border

The CSS property to change the border of an element to Yxy 29.9535, 0.5263, 0.3357 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, 94, 87) }
```

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

```
.border{ border-color:rgb(255, 94, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9535, 0.5263, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 87) }
```

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

```
.background{ background-color: rgb(255, 94,  
87) }
```

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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