

Converting Colors

$Y_{xy}(29.0243, 0.5361, 0.3358)$

Have a look what the booklet for
Yxy(29.0243, 0.5361, 0.3358)
contains.

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Color

Yxy(29.0140, 0.5357, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	FF5952
RGB	255, 89, 82
RGB Percent	100%, 35%, 32%
CMY	0.0001, 0.6508, 0.6785
CMYK	0.00, 0.65, 0.68, 0.00
HSL	2°, 100%, 66%
HSV	2°, 68%, 100%
XYZ	46.3273, 29.0140, 11.1386
YIQ	137.8360, 101.1830, 33.0150

Conversions

Conversions Part 2

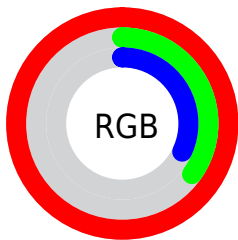
Format	Color
R_{YB}	255, 89, 82
Decimal	16734546
CIE _{Lab}	60.79, 62.48, 38.87
CIE _{LCh}	61, 73.585, 31.882
Yxy	29.0140, 0.5357, 0.3355
Android (android.graphics.Color)	4294924626 (0xFFFF5952)
YUV	137.8360, -27.5271, 102.7528
Hunter-Lab	53.8646, 59.2591, 25.4447

Details

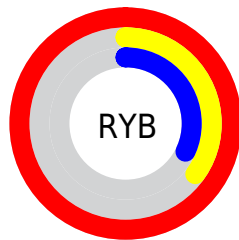
The Yxy color **29.0140, 0.5357, 0.3355** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **76.0937, 0.2318, 0.3204**, and the grayscale version is **25.4337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4837, 0.4403, 0.3439**, and **11.7401, 0.6033, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **25.2782, 0.5806, 0.3349**, and if you desaturate by 10%, it is **34.2487, 0.4882, 0.3353**.

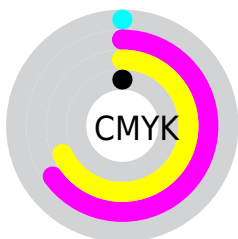
Distribution



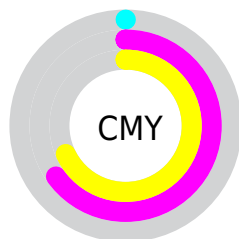
- Red (100%)
- Green (35%)
- Blue (32%)



- Red (100%)
- Yellow (35%)
- Blue (32%)



- Cyan (0%)
- Magenta (65%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0140, 0.5357, 0.3355 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 29.0140, 0.5357, 0.3355 by changing the saturation by 10% instead.


 29.0140, 0.5357,
0.3355


 29.0140, 0.5357,
0.3355


297.2810, 0.4173,
0.3419

 19.0914, 0.5655,
0.3300


 58.0993, 0.4920,
0.3406


 11.7363, 0.6028,
0.3206


 78.0309, 0.4757,
0.3416


 6.5644, 0.6497,
0.3042


 102.0675, 0.4620,
0.3422

 3.1912, 0.7202,
0.2798

 130.5936, 0.4503,
0.3424

 1.2324, 0.7767,
0.2233

 163.9936, 0.4403,
0.3424

 0.0879, 0.9550,
0.0450

202.6520, 0.4316,


 0.0000, 1.0000,


0.3423


0.0000


246.9529, 0.4240,
0.3421


 0.0000, 0.0000,
0.0000


 29.0140, 0.5357,
0.3355


 29.0140, 0.5357,
0.3355

 25.2782, 0.5806,
0.3349


 34.2487, 0.4882,
0.3353


 22.8798, 0.6157,
0.3335


 41.1125, 0.4438,
0.3345


 21.6275, 0.6354,
0.3316

 49.7269, 0.4052,
0.3334

 21.4803, 0.6381,
0.3315

 60.2007, 0.3732,
0.3322

 72.6338, 0.3471,
0.3310

 87.1190, 0.3262,
0.3298

99.9945, 0.3127,
0.3290

Harmonies

Analogous

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



29.0140, 0.4608, 0.2656



29.0140, 0.5357, 0.3355



29.0140, 0.5283, 0.4122

Triad

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



29.0140, 0.5357, 0.3355



29.0140, 0.2557, 0.5177



29.0140, 0.1601, 0.1648

Complementary

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



29.0140, 0.5357, 0.3355



76.0937, 0.2318, 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.



29.0140, 0.1290, 0.1892



29.0140, 0.5357, 0.3355



29.0140, 0.1722, 0.3851

Square

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



29.0140, 0.5357, 0.3355



29.0140, 0.3603, 0.5513



29.0140, 0.1313, 0.2588



29.0140, 0.2287, 0.1725

Rectangle

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



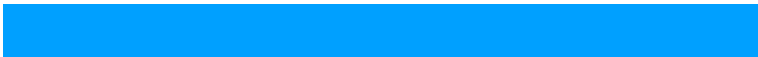
29.0140, 0.5357, 0.3355



29.0140, 0.4869, 0.4669



29.0140, 0.1313, 0.2588



29.0140, 0.1459, 0.1689

Sweetspot

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



29.0157, 0.5357, 0.3355



69.8010, 0.3523, 0.3313



34.1396, 0.3253, 0.1810



14.1749, 0.3594, 0.3316



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.



29.0157, 0.5357, 0.3355



24.3911, 0.5931, 0.3346



52.2306, 0.4628, 0.4173



18.1057, 0.3294, 0.3300



11.2782, 0.6372, 0.3322



1.1381, 0.6306, 0.3375

Inverse Universe

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



76.0937, 0.2318, 0.3204



74.1208, 0.2253, 0.3185



35.1041, 0.2043, 0.2075



20.3468, 0.2980, 0.3280



37.8248, 0.2212, 0.3162



3.7208, 0.2216, 0.3177

Previews

White Background



This preview shows how the Yxy color 29.0140, 0.5357, 0.3355 looks on a white background.

Color Contrast Check

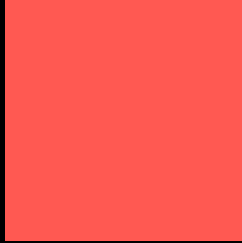
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0140, 0.5357, 0.3355 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 29.0140, 0.5357, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 29.0140, 0.5357, 0.3355.



This preview shows how white text looks on a background with the Yxy color 29.0140, 0.5357, 0.3355.

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

29.0140, 0.5357, 0.3355

Protanopia

29.2176, 0.3701, 0.3979

Deuteranopia

29.0610, 0.4292, 0.4209



Tritanopia

29.0298, 0.5234, 0.3253

Trichromacy



Original Color

29.0140, 0.5357, 0.3355

Protanomaly

27.2173, 0.4329, 0.3708

Deuteranomaly

27.6064, 0.4735, 0.3827

Tritanomaly

28.9607, 0.5283, 0.3288

Monochromacy



Original Color

29.0140, 0.5357, 0.3355

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5647, 0.3927, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0140, 0.5357, 0.3355 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, 89, 82)` looks like.

```
.text, #text, p{  
  color:rgb(255, 89, 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, 89, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 82) }
```

Border

The CSS property to change the border of an element to Yxy 29.0140, 0.5357, 0.3355 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, 89, 82) }
```

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

```
.border{ border-color:rgb(255, 89, 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, 89, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0140, 0.5357, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 82) }
```

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

```
.background{ background-color: rgb(255, 89,  
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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