

Converting Colors

$Y_{xy}(29.2129, 0.5215, 0.3253)$

Have a look what the booklet for
Yxy(29.2129, 0.5215, 0.3253)
contains.

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Color

Yxy(29.2129, 0.5215, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	FF595E
RGB	255, 89, 94
RGB Percent	100%, 35%, 37%
CMY	0.0000, 0.6509, 0.6314
CMYK	0.00, 0.65, 0.63, 0.00
HSL	358°, 100%, 67%
HSV	358°, 65%, 100%
XYZ	46.8322, 29.2129, 13.7578
YIQ	139.2040, 97.3310, 36.7470

Conversions

Conversions Part 2

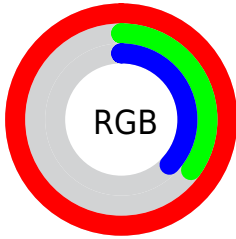
Format	Color
R_{YB}	255, 89, 94
Decimal	16734558
CIE _{Lab}	60.97, 63.15, 32.35
CIE _{LCh}	61, 70.955, 27.120
Yxy	29.2129, 0.5215, 0.3253
Android (android.graphics.Color)	4294924638 (0xFFFF595E)
YUV	139.2040, -22.2856, 101.5531
Hunter-Lab	54.0490, 60.0807, 22.7424

Details

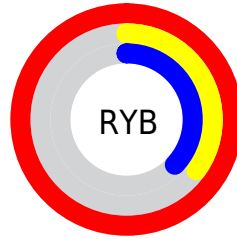
The Yxy color **29.2129, 0.5215, 0.3253** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **80.5470, 0.2374, 0.3347**, and the grayscale version is **25.9627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8314, 0.4276, 0.3314**, and **11.7901, 0.5867, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **25.3047, 0.5682, 0.3258**, and if you desaturate by 10%, it is **34.7356, 0.4742, 0.3253**.

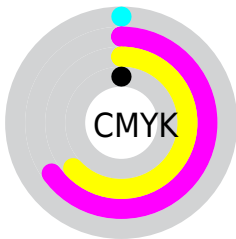
Distribution



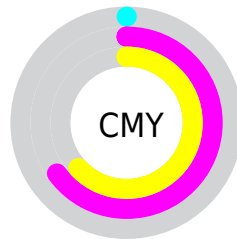
- Red (100%)
- Green (35%)
- Blue (37%)



- Red (100%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2129, 0.5215, 0.3253 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 29.2129, 0.5215, 0.3253 by changing the saturation by 10% instead.

 29.2129, 0.5215,
0.3253


 29.2129, 0.5215,
0.3253


298.2182, 0.4098,
0.3350

 19.2419, 0.5503,
0.3198


 58.4152, 0.4799,
0.3310


 11.8452, 0.5870,
0.3108


 78.4153, 0.4645,
0.3325

 6.6384, 0.6346,
0.2957


 102.5272, 0.4516,
0.3335

 3.2370, 0.7051,
0.2725

 131.1354, 0.4407,
0.3341

 1.2567, 0.7775,
0.2225

164.6241, 0.4313,
0.3345

 0.1073, 0.9472,
0.0528

203.3779, 0.4232,


 0.0000, 1.0000,


0.3348

0.0000

247.7811, 0.4161,
0.3350


 0.0000, 0.0000,
0.0000


 29.2129, 0.5215,
0.3253


 29.2129, 0.5215,
0.3253


 25.3047, 0.5682,
0.3258


 34.7356, 0.4742,
0.3253

 22.8326, 0.6071,
0.3269


 42.0166, 0.4312,
0.3258


 21.5851, 0.6315,
0.3285

 51.1896, 0.3945,
0.3264

 21.2765, 0.6380,
0.3288

 62.3737, 0.3645,
0.3272

 75.6786, 0.3403,
0.3279

 91.2059, 0.3210,
0.3286

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.



29.2129, 0.4381, 0.2579



29.2129, 0.5215, 0.3253



29.2129, 0.5278, 0.3994

Triad

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



29.2129, 0.5215, 0.3253



29.2129, 0.2742, 0.5224



29.2129, 0.1573, 0.1709

Complementary

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



29.2129, 0.5215, 0.3253



80.5470, 0.2374, 0.3347

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.



29.2129, 0.1321, 0.2012



29.2129, 0.5215, 0.3253



29.2129, 0.1875, 0.4056

Square

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



29.2129, 0.5215, 0.3253



29.2129, 0.3766, 0.5390



29.2129, 0.1402, 0.2778



29.2129, 0.2183, 0.1737

Rectangle

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



29.2129, 0.5215, 0.3253



29.2129, 0.4940, 0.4520



29.2129, 0.1402, 0.2778



29.2129, 0.1452, 0.1769

Sweetspot

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



29.2146, 0.5215, 0.3253



68.8791, 0.3515, 0.3275



34.5922, 0.3145, 0.1787



13.9598, 0.3585, 0.3273



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.



29.2146, 0.5215, 0.3253



24.4466, 0.5807, 0.3261



49.4258, 0.4646, 0.4045



17.9959, 0.3290, 0.3283



11.1214, 0.6370, 0.3283



1.0858, 0.6299, 0.3243

Inverse Universe

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



29.2146, 0.5215, 0.3253



24.4466, 0.5807, 0.3261



41.0018, 0.2117, 0.2284



17.9959, 0.3290, 0.3283



11.1214, 0.6370, 0.3283



1.0858, 0.6299, 0.3243

Previews

White Background



This preview shows how the Yxy color 29.2129, 0.5215, 0.3253 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 29.2129, 0.5215, 0.3253 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 29.2129, 0.5215, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 29.2129, 0.5215, 0.3253.



This preview shows how white text looks on a background with the Yxy color 29.2129, 0.5215, 0.3253.

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

29.2129, 0.5215, 0.3253

Protanopia

29.3435, 0.3526, 0.3748

Deuteranopia

29.2893, 0.4149, 0.4084



Tritanopia

29.2129, 0.5215, 0.3253

Trichromacy



Original Color

29.2129, 0.5215, 0.3253

Protanomaly

27.3633, 0.4150, 0.3525

Deuteranomaly

27.8890, 0.4585, 0.3712

Tritanomaly

29.2129, 0.5215, 0.3253

Monochromacy



Original Color

29.2129, 0.5215, 0.3253

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9286, 0.3857, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2129, 0.5215, 0.3253 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 94) }
```

Border

The CSS property to change the border of an element to Yxy 29.2129, 0.5215, 0.3253 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, 94) }
```

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

```
.border{ border-color:rgb(255, 89, 94) }
```

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, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2129, 0.5215, 0.3253 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, 94) }
```

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

```
.background{ background-color: rgb(255, 89,  
94) }
```

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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