

Converting Colors

$Yxy(35.3462, 0.5235, 0.3161)$

Have a look what the booklet for
Yxy(35.3462, 0.5235, 0.3161)
contains.

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Color

Yxy(29.6550, 0.5029, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	FF5A6C
RGB	255, 90, 108
RGB Percent	100%, 35%, 42%
CMY	0.0000, 0.6470, 0.5765
CMYK	0.00, 0.65, 0.58, 0.00
HSL	353°, 100%, 68%
HSV	353°, 65%, 100%
XYZ	47.6013, 29.6550, 17.3973
YIQ	141.3870, 92.5620, 40.5780

Conversions

Conversions Part 2

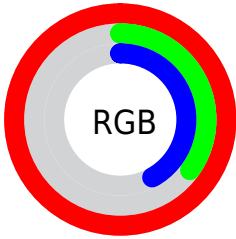
Format	Color
R _Y B	255, 90, 108
Decimal	16734828
CIE Lab	61.36, 63.64, 24.84
CIE LCh	61, 68.316, 21.326
Yxy	29.6550, 0.5029, 0.3133
Android (android.graphics.Color)	4294924908 (0xFFFF5A6C)
YUV	141.3870, -16.4598, 99.6386
Hunter-Lab	54.4564, 60.7314, 19.1779

Details

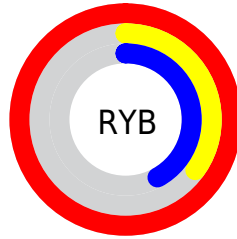
The Yxy color **29.6550, 0.5029, 0.3133** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.8084, 0.2427, 0.3505**, and the grayscale version is **26.8365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6306, 0.4111, 0.3167**, and **12.0797, 0.5646, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **25.6446, 0.5482, 0.3141**, and if you desaturate by 10%, it is **35.2694, 0.4589, 0.3142**.

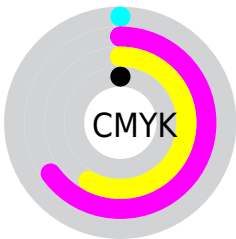
Distribution



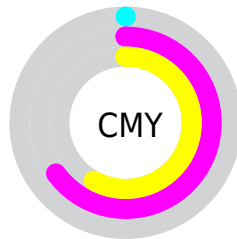
- Red (100%)
- Green (35%)
- Blue (42%)



- Red (100%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (65%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6550, 0.5029, 0.3133 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 29.6550, 0.5029, 0.3133 by changing the saturation by 10% instead.

 29.6550, 0.5029,
0.3133


 29.6550, 0.5029,
0.3133


300.2930, 0.4008,
0.3272


 19.5769, 0.5298,
0.3076


 59.1162, 0.4645,
0.3200


 12.0878, 0.5646,
0.2988


 79.2680, 0.4505,
0.3220

 6.8035, 0.6109,
0.2847


 103.5465, 0.4387,
0.3235

 3.3395, 0.6736,
0.2609

 132.3360, 0.4288,
0.3246

 1.3115, 0.7763,
0.2237

166.0211, 0.4203,
0.3255

 0.1501, 0.9308,
0.0692

204.9860, 0.4129,


 0.0000, 1.0000,


0.3262


0.0000


249.6152, 0.4065,
0.3268

 0.0000, 0.0000,
0.0000

 29.6550, 0.5029,
0.3133


 29.6550, 0.5029,
0.3133


 25.6446, 0.5482,
0.3141


 35.2694, 0.4589,
0.3142


 23.0652, 0.5890,
0.3171


 42.6276, 0.4197,
0.3163


 21.7125, 0.6192,
0.3218

 51.8599, 0.3865,
0.3191

 21.3421, 0.6298,
0.3243

 63.0826, 0.3593,
0.3220

 76.4028, 0.3374,
0.3250

 91.9198, 0.3197,
0.3278

99.9993, 0.3127,
0.3290

Harmonies

Analogous

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



29.6550, 0.4118, 0.2491



29.6550, 0.5029, 0.3133



29.6550, 0.5248, 0.3847

Triad

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



29.6550, 0.5029, 0.3133



29.6550, 0.2957, 0.5248



29.6550, 0.1548, 0.1790

Complementary

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



29.6550, 0.5029, 0.3133



79.8084, 0.2427, 0.3505

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.



29.6550, 0.1365, 0.2166



29.6550, 0.5029, 0.3133



29.6550, 0.2062, 0.4278

Square

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



29.6550, 0.5029, 0.3133



29.6550, 0.3947, 0.5238



29.6550, 0.1516, 0.3011



29.6550, 0.2073, 0.1758

Rectangle

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



29.6550, 0.5029, 0.3133



29.6550, 0.5003, 0.4351



29.6550, 0.1516, 0.3011



29.6550, 0.1451, 0.1872

Sweetspot

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



29.6567, 0.5029, 0.3133



70.4126, 0.3462, 0.3237



32.3247, 0.3016, 0.1734



14.2655, 0.3526, 0.3229



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.



29.6567, 0.5029, 0.3133



24.6447, 0.5625, 0.3149



44.8650, 0.4747, 0.3907



18.0192, 0.3277, 0.3264



11.1623, 0.6274, 0.3230



1.0968, 0.6049, 0.3106

Inverse Universe

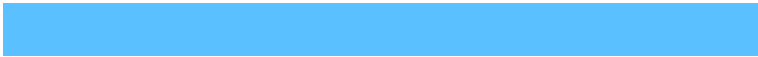
The Inverse Universe completely reimagines the original color for something new.



29.6567, 0.5029, 0.3133



24.6447, 0.5625, 0.3149



46.9855, 0.2166, 0.2479



18.0192, 0.3277, 0.3264



11.1623, 0.6274, 0.3230



1.0968, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 29.6550, 0.5029, 0.3133 looks on a white background.

Color Contrast Check

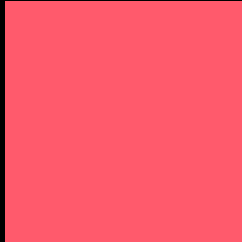
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6550, 0.5029, 0.3133 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 29.6550, 0.5029, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 29.6550, 0.5029, 0.3133.



This preview shows how white text looks on a background with the Yxy color 29.6550, 0.5029, 0.3133.

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

29.6550, 0.5029, 0.3133

Protanopia

29.7991, 0.3318, 0.3495

Deuteranopia

29.7311, 0.3978, 0.3899



Tritanopia

29.5882, 0.5149, 0.3252

Trichromacy



Original Color

29.6550, 0.5029, 0.3133

Protanomaly

27.7358, 0.3923, 0.3320

Deuteranomaly

28.2670, 0.4390, 0.3547

Tritanomaly

29.4926, 0.5106, 0.3206

Monochromacy



Original Color

29.6550, 0.5029, 0.3133

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.4491, 0.3788, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6550, 0.5029, 0.3133 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, 90, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 108)  
}
```

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, 90, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 108) }
```

Border

The CSS property to change the border of an element to Yxy 29.6550, 0.5029, 0.3133 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, 90, 108) }
```

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

```
.border{ border-color:rgb(255, 90, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6550, 0.5029, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 108) }
```

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

```
.background{ background-color: rgb(255, 90,  
108) }
```

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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