

Converting Colors

$Yxy(36.2840, 0.5254, 0.3163)$

Have a look what the booklet for
Yxy(36.2840, 0.5254, 0.3163)
contains.

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Color

Yxy(29.8463, 0.5010, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FF5B6D
RGB	255, 91, 109
RGB Percent	100%, 36%, 43%
CMY	0.0000, 0.6431, 0.5726
CMYK	0.00, 0.64, 0.57, 0.00
HSL	353°, 100%, 68%
HSV	353°, 64%, 100%
XYZ	47.7426, 29.8463, 17.7058
YIQ	142.0880, 91.9660, 40.3660

Conversions

Conversions Part 2

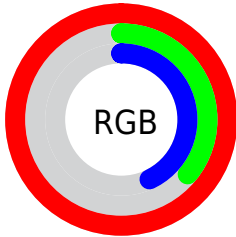
Format	Color
R_{YB}	255, 91, 109
Decimal	16735085
CIE _{Lab}	61.52, 63.32, 24.49
CIE _{LCh}	62, 67.888, 21.149
Yxy	29.8463, 0.5010, 0.3132
Android (android.graphics.Color)	4294925165 (0xFFFF5B6D)
YUV	142.0880, -16.3124, 99.0238
Hunter-Lab	54.6318, 60.3854, 19.0268

Details

The Yxy color **29.8463, 0.5010, 0.3132** 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 **79.8604, 0.2430, 0.3505**, and the grayscale version is **27.1247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9779, 0.4096, 0.3167**, and **12.2075, 0.5615, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **25.7750, 0.5463, 0.3140**, and if you desaturate by 10%, it is **35.5246, 0.4572, 0.3142**.

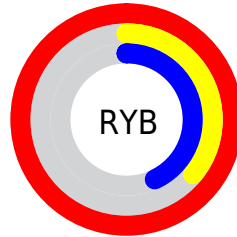
Distribution



Red (100%)

Green (36%)

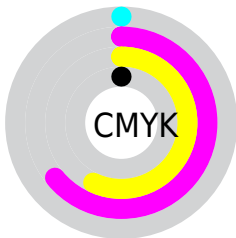
Blue (43%)



Red (100%)

Yellow (36%)

Blue (43%)

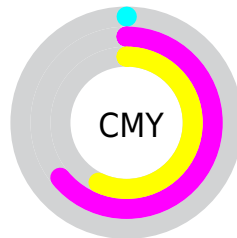


Cyan (0%)

Magenta (64%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8463, 0.5010, 0.3132 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 29.8463, 0.5010, 0.3132 by changing the saturation by 10% instead.


 29.8463, 0.5010,
0.3132


 29.8463, 0.5010,
0.3132


301.1874, 0.4000,
0.3270


 19.7220, 0.5276,
0.3075


 59.4190, 0.4631,
0.3198

 12.1931, 0.5621,
0.2989


 79.6362, 0.4491,
0.3218

 6.8753, 0.6079,
0.2851


 103.9864, 0.4375,
0.3233

 3.3842, 0.6701,
0.2617

 132.8541, 0.4277,
0.3244

 1.3355, 0.7742,
0.2258

166.6237, 0.4193,
0.3253

 0.1684, 0.9236,
0.0764

205.6795, 0.4120,


 0.0000, 1.0000,


0.3260

0.0000

250.4059, 0.4056,
0.3266


 0.0000, 0.0000,
0.0000


 29.8463, 0.5010,
0.3132

 29.8463, 0.5010,
0.3132


 25.7750, 0.5463,
0.3140


 35.5246, 0.4572,
0.3142


 23.1431, 0.5875,
0.3168


 42.9532, 0.4182,
0.3164

 21.7469, 0.6181,
0.3216

 52.2605, 0.3853,
0.3191

 21.3436, 0.6297,
0.3243

 63.5624, 0.3583,
0.3221

 76.9656, 0.3366,
0.3251

92.5692, 0.3191,
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.



29.8463, 0.4103, 0.2494



29.8463, 0.5010, 0.3132



29.8463, 0.5234, 0.3842

Triad

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



29.8463, 0.5010, 0.3132



29.8463, 0.2966, 0.5232



29.8463, 0.1556, 0.1801

Complementary

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



29.8463, 0.5010, 0.3132



79.8604, 0.2430, 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.



29.8463, 0.1375, 0.2178



29.8463, 0.5010, 0.3132



29.8463, 0.2075, 0.4277

Square

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



29.8463, 0.5010, 0.3132



29.8463, 0.3950, 0.5222



29.8463, 0.1529, 0.3021



29.8463, 0.2076, 0.1767

Rectangle

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



29.8463, 0.5010, 0.3132



29.8463, 0.4995, 0.4343



29.8463, 0.1529, 0.3021



29.8463, 0.1460, 0.1883

Sweetspot

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



29.8465, 0.5010, 0.3132



70.4143, 0.3462, 0.3237



32.5130, 0.3017, 0.1741



14.2659, 0.3526, 0.3228



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.



29.8465, 0.5010, 0.3132



24.9337, 0.5580, 0.3145



45.0834, 0.4734, 0.3904



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Inverse Universe

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



29.8465, 0.5010, 0.3132



24.9337, 0.5580, 0.3145



47.2029, 0.2171, 0.2484



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 29.8463, 0.5010, 0.3132 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 29.8463, 0.5010, 0.3132 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 29.8463, 0.5010, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 29.8463, 0.5010, 0.3132.



This preview shows how white text looks on a background with the Yxy color 29.8463, 0.5010, 0.3132.

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

29.8463, 0.5010, 0.3132

Protanopia

29.8976, 0.3328, 0.3494

Deuteranopia

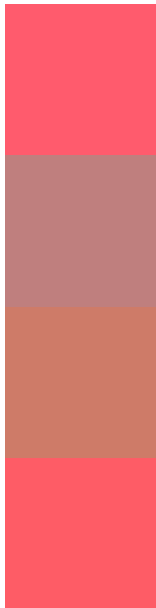
29.7506, 0.3967, 0.3885



Tritanopia

29.7814, 0.5130, 0.3251

Trichromacy



Original Color

29.8463, 0.5010, 0.3132

Protanomaly

27.7615, 0.3911, 0.3306

Deuteranomaly

28.2872, 0.4378, 0.3534

Tritanomaly

29.6844, 0.5086, 0.3206

Monochromacy



Original Color

29.8463, 0.5010, 0.3132

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.8449, 0.3784, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8463, 0.5010, 0.3132 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, 91, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 109)  
}
```

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, 91, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 109) }
```

Border

The CSS property to change the border of an element to Yxy 29.8463, 0.5010, 0.3132 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, 91, 109) }
```

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

```
.border{ border-color:rgb(255, 91, 109) }
```

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

Here you see how a box with a 4 pixel rgb(255, 91, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8463, 0.5010, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 109) }
```

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

```
.background{ background-color: rgb(255, 91,  
109) }
```

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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