

Converting Colors

$Yxy(29.7505, 0.5026, 0.3152)$

Have a look what the booklet for
Yxy(29.7505, 0.5026, 0.3152)
contains.

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Color

Yxy(29.6145, 0.5028, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	FE5B6B
RGB	254, 91, 107
RGB Percent	100%, 36%, 42%
CMY	0.0039, 0.6431, 0.5805
CMYK	0.00, 0.64, 0.58, 0.00
HSL	354°, 99%, 68%
HSV	354°, 64%, 100%
XYZ	47.2704, 29.6145, 17.1294
YIQ	141.5610, 92.0120, 39.5320

Conversions

Conversions Part 2

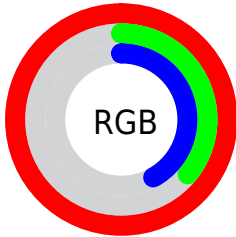
Format	Color
RYB	254, 91, 107
Decimal	16669547
CIELab	61.32, 62.87, 25.34
CIElCh	61, 67.784, 21.956
Yxy	29.6145, 0.5028, 0.3150
Android (android.graphics.Color)	4294859627 (0xFFFE5B6B)
YUV	141.5610, -17.0386, 98.6090
Hunter-Lab	54.4192, 59.8176, 19.4309

Details

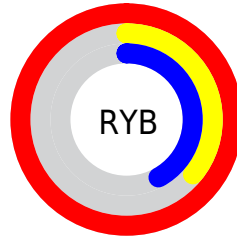
The Yxy color **29.6145, 0.5028, 0.3150** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.2897, 0.2423, 0.3481**, and the grayscale version is **26.9089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9084, 0.4117, 0.3188**, and **12.0559, 0.5644, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **25.5638, 0.5484, 0.3157**, and if you desaturate by 10%, it is **35.2651, 0.4585, 0.3159**.

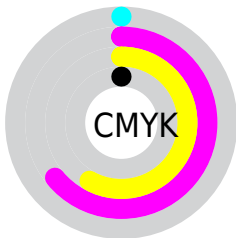
Distribution



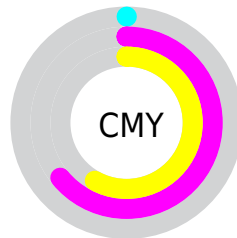
- Red (100%)
- Green (36%)
- Blue (42%)



- Red (100%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (64%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6145, 0.5028, 0.3150 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 29.6145, 0.5028, 0.3150 by changing the saturation by 10% instead.

 29.6145, 0.5028,
0.3150


 29.6145, 0.5028,
0.3150


300.1034, 0.4007,
0.3281

 19.5462, 0.5297,
0.3094


 59.0520, 0.4645,
0.3214

 12.0656, 0.5645,
0.3009


 79.1899, 0.4504,
0.3233

 6.7884, 0.6107,
0.2870


 103.4532, 0.4387,
0.3247

 3.3301, 0.6735,
0.2634

 132.2262, 0.4287,
0.3258

 1.3064, 0.7743,
0.2257

165.8934, 0.4202,
0.3266

 0.1462, 0.9312,
0.0688

204.8390, 0.4128,

 0.0000, 1.0000,

0.3272

0.0000

249.4475, 0.4064,
0.3277

■ 0.0000, 0.0000,
0.0000

■ 29.6145, 0.5028,
0.3150

■ 29.6145, 0.5028,
0.3150

■ 25.5638, 0.5484,
0.3157

■ 35.2651, 0.4585,
0.3159

■ 22.9425, 0.5897,
0.3184

■ 42.6534, 0.4191,
0.3178


■ 21.5504, 0.6199,
0.3227

■ 51.9080, 0.3858,
0.3202

■ 21.1427, 0.6313,
0.3251

■ 63.1441, 0.3586,
0.3229

■ 76.4674, 0.3366,
0.3255

 91.9763, 0.3190,
0.3280

99.8130, 0.3121,
0.3290

Harmonies

Analogous

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



29.6145, 0.4134, 0.2509



29.6145, 0.5028, 0.3150



29.6145, 0.5231, 0.3862

Triad

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



29.6145, 0.5028, 0.3150



29.6145, 0.2939, 0.5221



29.6145, 0.1564, 0.1795

Complementary

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



29.6145, 0.5028, 0.3150



79.2897, 0.2423, 0.3481

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.



29.6145, 0.1375, 0.2161



29.6145, 0.5028, 0.3150



29.6145, 0.2054, 0.4243

Square

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



29.6145, 0.5028, 0.3150



29.6145, 0.3924, 0.5235



29.6145, 0.1519, 0.2991



29.6145, 0.2094, 0.1769

Rectangle

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



29.6145, 0.5028, 0.3150



29.6145, 0.4982, 0.4364



29.6145, 0.1519, 0.2991



29.6145, 0.1465, 0.1874

Sweetspot

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



29.6162, 0.5028, 0.3150



70.3861, 0.3466, 0.3243



32.7655, 0.3043, 0.1755



14.2592, 0.3531, 0.3235



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.



29.6162, 0.5028, 0.3150



24.9007, 0.5609, 0.3163



45.6738, 0.4707, 0.3931



18.0160, 0.3279, 0.3267



11.1550, 0.6291, 0.3239



1.0953, 0.6082, 0.3124

Inverse Universe

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



29.6162, 0.5028, 0.3150



24.9007, 0.5609, 0.3163



45.6926, 0.2164, 0.2450



18.0160, 0.3279, 0.3267



11.1550, 0.6291, 0.3239



1.0953, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 29.6145, 0.5028, 0.3150 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 29.6145, 0.5028, 0.3150 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 29.6145, 0.5028, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 29.6145, 0.5028, 0.3150.



This preview shows how white text looks on a background with the Yxy color 29.6145, 0.5028, 0.3150.

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

29.6145, 0.5028, 0.3150

Protanopia

29.8418, 0.3348, 0.3526

Deuteranopia

29.7118, 0.3988, 0.3913



Tritanopia

29.7814, 0.5130, 0.3251

Trichromacy



Original Color

29.6145, 0.5028, 0.3150

Protanomaly

27.7103, 0.3936, 0.3334

Deuteranomaly

28.2470, 0.4402, 0.3559

Tritanomaly

29.6647, 0.5099, 0.3215

Monochromacy



Original Color

29.6145, 0.5028, 0.3150

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.8182, 0.3796, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6145, 0.5028, 0.3150 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(254, 91, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 91, 107)  
}
```

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(254, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 91, 107) }
```

Border

The CSS property to change the border of an element to Yxy 29.6145, 0.5028, 0.3150 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(254, 91, 107) }
```

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

```
.border{ border-color:rgb(254, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 91, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 91, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 91,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6145, 0.5028, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 91, 107) }
```

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

```
.background{ background-color: rgb(254, 91,  
107) }
```

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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