

Converting Colors

$Y_{xy}(37.3144, 0.5236, 0.3143)$

Have a look what the booklet for
Yxy(37.3144, 0.5236, 0.3143)
contains.

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Color

Yxy(29.9120, 0.4970, 0.3103)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF5B70 |
| RGB | 255, 91, 112 |
| RGB Percent | 100%, 36%, 44% |
| CMY | 0.0000, 0.6432, 0.5608 |
| CMYK | 0.00, 0.64, 0.56, 0.00 |
| HSL | 352°, 100%, 68% |
| HSV | 352°, 64%, 100% |
| XYZ | 47.9093, 29.9120, 18.5757 |
| YIQ | 142.4300, 91.0030, 41.2990 |

Conversions

Conversions Part 2

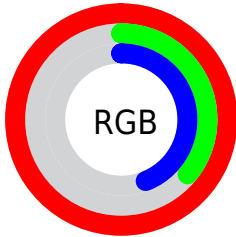
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 91, 112 |
| Decimal | 16735088 |
| CIE Lab | 61.58, 63.53, 22.83 |
| CIE LCh | 62, 67.510, 19.767 |
| Yxy | 29.9120, 0.4970, 0.3103 |
| Android (android.graphics.Color) | 4294925168 (0xFFFF5B70) |
| YUV | 142.4300, -15.0020, 98.7239 |
| Hunter-Lab | 54.6919, 60.6528, 18.1469 |

Details

The Yxy color **29.9120, 0.4970, 0.3103** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **79.6845, 0.2442, 0.3543**, and the grayscale version is **27.2610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1201, 0.4053, 0.3125**, and **12.2009, 0.5563, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **25.8318, 0.5417, 0.3110**, and if you desaturate by 10%, it is **35.5929, 0.4540, 0.3116**.

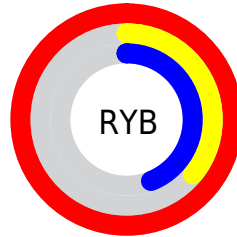
Distribution



Red (100%)

Green (36%)

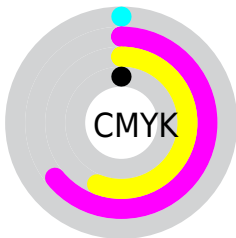
Blue (44%)



Red (100%)

Yellow (36%)

Blue (44%)

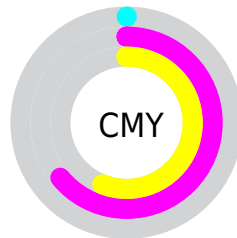


Cyan (0%)

Magenta (64%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9120, 0.4970, 0.3103 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 29.9120, 0.4970, 0.3103 by changing the saturation by 10% instead.

 29.9120, 0.4970,
0.3103


 29.9120, 0.4970,
0.3103


301.4941, 0.3981,
0.3253


 19.7718, 0.5231,
0.3045


 59.5230, 0.4598,
0.3172


 12.2293, 0.5571,
0.2958


 79.7626, 0.4462,
0.3194

 6.9000, 0.6025,
0.2821


 104.1374, 0.4348,
0.3210

 3.3997, 0.6644,
0.2590

 133.0319, 0.4252,
0.3223

 1.3438, 0.7745,
0.2255

166.8304, 0.4169,
0.3233

 0.1747, 0.9217,
0.0783

205.9173, 0.4098,

 0.0000, 1.0000,

0.3241

0.0000

250.6771, 0.4036,
0.3247

■ 0.0000, 0.0000,
0.0000

■ 29.9120, 0.4970,
0.3103

■ 29.9120, 0.4970,
0.3103

■ 25.8318, 0.5417,
0.3110

■ 35.5929, 0.4540,
0.3116

■ 23.1888, 0.5829,
0.3141

■ 43.0206, 0.4159,
0.3142


■ 21.7793, 0.6144,
0.3195

■ 52.3217, 0.3838,
0.3174

■ 21.3679, 0.6268,
0.3226

■ 63.6117, 0.3574,
0.3209

■ 76.9968, 0.3361,
0.3244

 92.5757, 0.3190,
0.3277

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.



29.9120, 0.4046, 0.2472



29.9120, 0.4970, 0.3103



29.9120, 0.5229, 0.3808

Triad

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



29.9120, 0.4970, 0.3103



29.9120, 0.3014, 0.5239



29.9120, 0.1548, 0.1817

Complementary

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



29.9120, 0.4970, 0.3103



79.6845, 0.2442, 0.3543

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.



29.9120, 0.1383, 0.2212



29.9120, 0.4970, 0.3103



29.9120, 0.2117, 0.4328

Square

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



29.9120, 0.4970, 0.3103



29.9120, 0.3991, 0.5191



29.9120, 0.1553, 0.3075



29.9120, 0.2050, 0.1769

Rectangle

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



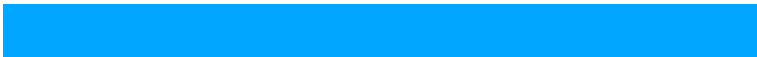
29.9120, 0.4970, 0.3103



29.9120, 0.5011, 0.4305



29.9120, 0.1553, 0.3075



29.9120, 0.1457, 0.1905

Sweetspot

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



29.9110, 0.4970, 0.3103



70.4595, 0.3455, 0.3228



32.0473, 0.2991, 0.1729



14.2766, 0.3517, 0.3218



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.



29.9110, 0.4970, 0.3103



24.9889, 0.5534, 0.3116



44.1904, 0.4757, 0.3877



18.0249, 0.3274, 0.3260



11.1768, 0.6241, 0.3212



1.0995, 0.5992, 0.3075

Inverse Universe

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



29.9110, 0.4970, 0.3103



24.9889, 0.5534, 0.3116



48.4136, 0.2180, 0.2521



18.0249, 0.3274, 0.3260



11.1768, 0.6241, 0.3212



1.0995, 0.5992, 0.3075

Previews

White Background



This preview shows how the Yxy color 29.9120, 0.4970, 0.3103 looks on a white background.

Color Contrast Check

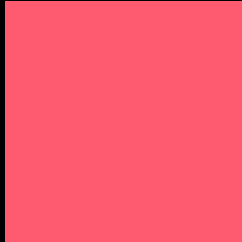
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9120, 0.4970, 0.3103 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 29.9120, 0.4970, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 29.9120, 0.4970, 0.3103.

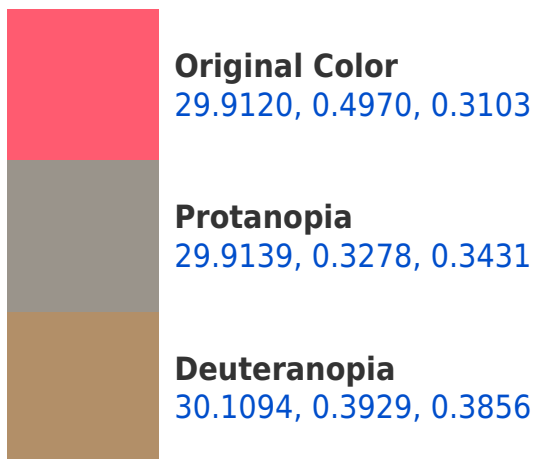


This preview shows how white text looks on a background with the Yxy color 29.9120, 0.4970, 0.3103.

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

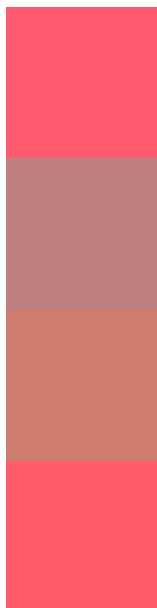




Tritanopia

29.8004, 0.5118, 0.3242

Trichromacy



Original Color

29.9120, 0.4970, 0.3103

Protanomaly

27.8401, 0.3874, 0.3265

Deuteranomaly

28.5987, 0.4334, 0.3510

Tritanomaly

29.7246, 0.5060, 0.3187

Monochromacy



Original Color

29.9120, 0.4970, 0.3103

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

25.8719, 0.3771, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9120, 0.4970, 0.3103 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 112) }
```

Border

The CSS property to change the border of an element to Yxy 29.9120, 0.4970, 0.3103 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, 112) }
```

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

```
.border{ border-color:rgb(255, 91, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9120, 0.4970, 0.3103 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, 112) }
```

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

```
.background{ background-color: rgb(255, 91,  
112) }
```

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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