

Converting Colors

$Y_{xy}(31.6560, 0.5126, 0.3097)$

Have a look what the booklet for
Yxy(31.6560, 0.5126, 0.3097)
contains.

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Color

Yxy(29.0414, 0.5025, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	FF566E
RGB	255, 86, 110
RGB Percent	100%, 34%, 43%
CMY	0.0000, 0.6627, 0.5685
CMYK	0.00, 0.66, 0.57, 0.00
HSL	351°, 100%, 67%
HSV	351°, 66%, 100%
XYZ	47.3809, 29.0414, 17.8680
YIQ	139.2670, 93.0200, 43.2920

Conversions

Conversions Part 2

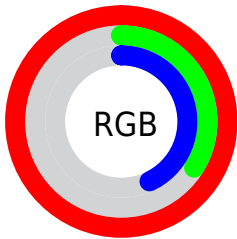
Format	Color
R_{YB}	255, 86, 110
Decimal	16733806
CIE _{Lab}	60.82, 65.34, 22.95
CIE _{LCh}	61, 69.253, 19.352
Yxy	29.0414, 0.5025, 0.3080
Android (android.graphics.Color)	4294923886 (0xFFFF566E)
YUV	139.2670, -14.4286, 101.4978
Hunter-Lab	53.8901, 62.6319, 18.0646

Details

The Yxy color **29.0414, 0.5025, 0.3080** 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 **79.2613, 0.2441, 0.3581**, and the grayscale version is **25.9607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7797, 0.4101, 0.3115**, and **11.7607, 0.5645, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **25.2516, 0.5466, 0.3091**, and if you desaturate by 10%, it is **34.4036, 0.4595, 0.3092**.

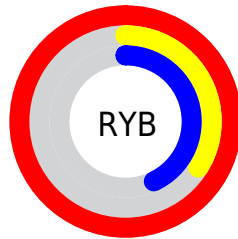
Distribution



Red (100%)

Green (34%)

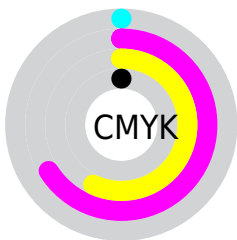
Blue (43%)



Red (100%)

Yellow (34%)

Blue (43%)

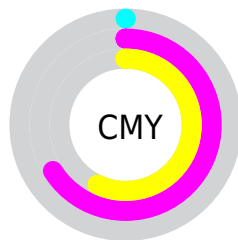


Cyan (0%)

Magenta (66%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0414, 0.5025, 0.3080 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 29.0414, 0.5025, 0.3080 by changing the saturation by 10% instead.


 29.0414, 0.5025,
0.3080


 29.0414, 0.5025,
0.3080


297.4102, 0.4003,
0.3244


 19.1121, 0.5296,
0.3017


 58.1429, 0.4640,
0.3155

 11.7513, 0.5648,
0.2923

 78.0838, 0.4499,
0.3179

 6.5746, 0.6118,
0.2775


 102.1309, 0.4382,
0.3197

 3.1975, 0.6758,
0.2527

 130.6683, 0.4282,
0.3211

 1.2357, 0.7847,
0.2153

164.0806, 0.4197,
0.3222

 0.0906, 0.9565,
0.0435

202.7521, 0.4124,

 0.0000, 1.0000,

0.3231

0.0000

247.0671, 0.4060,
0.3238

■ 0.0000, 0.0000,
0.0000

■ 29.0414, 0.5025,
0.3080

■ 29.0414, 0.5025,
0.3080

■ 25.2516, 0.5466,
0.3091

■ 34.4036, 0.4595,
0.3092

■ 22.8580, 0.5864,
0.3130

■ 41.4799, 0.4210,
0.3119


■ 21.6497, 0.6161,
0.3191

■ 50.4018, 0.3883,
0.3154

■ 21.3869, 0.6243,
0.3213

■ 61.2864, 0.3613,
0.3193

■ 74.2413, 0.3395,
0.3231

 89.3663, 0.3219,
0.3268

99.9981, 0.3127,
0.3290

Harmonies

Analogous

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



29.0414, 0.4061, 0.2438



29.0414, 0.5025, 0.3080



29.0414, 0.5295, 0.3797

Triad

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



29.0414, 0.5025, 0.3080



29.0414, 0.3014, 0.5324



29.0414, 0.1502, 0.1779

Complementary

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



29.0414, 0.5025, 0.3080



79.2613, 0.2441, 0.3581

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.



29.0414, 0.1338, 0.2184



29.0414, 0.5025, 0.3080



29.0414, 0.2091, 0.4387

Square

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



29.0414, 0.5025, 0.3080



29.0414, 0.4016, 0.5242



29.0414, 0.1512, 0.3077



29.0414, 0.2008, 0.1728

Rectangle

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



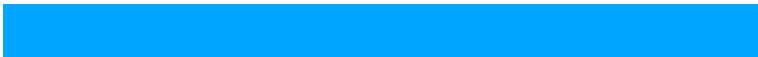
29.0414, 0.5025, 0.3080



29.0414, 0.5068, 0.4307



29.0414, 0.1512, 0.3077



29.0414, 0.1411, 0.1868

Sweetspot

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



29.0430, 0.5025, 0.3080



69.1613, 0.3471, 0.3217



30.6421, 0.2958, 0.1682



14.0259, 0.3532, 0.3206



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.



29.0430, 0.5025, 0.3080



24.2066, 0.5623, 0.3102



42.2296, 0.4848, 0.3858



18.0291, 0.3272, 0.3256



11.1888, 0.6214, 0.3197



1.1015, 0.5952, 0.3052

Inverse Universe

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



29.0430, 0.5025, 0.3080



24.2066, 0.5623, 0.3102



48.6109, 0.2166, 0.2532



18.0291, 0.3272, 0.3256



11.1888, 0.6214, 0.3197



1.1015, 0.5952, 0.3052

Previews

White Background



This preview shows how the Yxy color 29.0414, 0.5025, 0.3080 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 29.0414, 0.5025, 0.3080 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 29.0414, 0.5025, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 29.0414, 0.5025, 0.3080.



This preview shows how white text looks on a background with the Yxy color 29.0414, 0.5025, 0.3080.

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

29.0414, 0.5025, 0.3080

Protanopia

29.0681, 0.3270, 0.3417

Deuteranopia

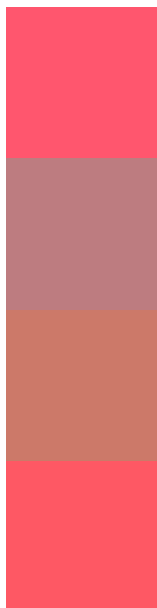
29.1230, 0.3928, 0.3865



Tritanopia

29.0237, 0.5207, 0.3253

Trichromacy



Original Color

29.0414, 0.5025, 0.3080

Protanomaly

26.7926, 0.3876, 0.3236

Deuteranomaly

27.5320, 0.4357, 0.3499

Tritanomaly

28.9704, 0.5138, 0.3190

Monochromacy



Original Color

29.0414, 0.5025, 0.3080

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8152, 0.3797, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0414, 0.5025, 0.3080 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, 86, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 110)  
}
```

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, 86, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 110) }
```

Border

The CSS property to change the border of an element to Yxy 29.0414, 0.5025, 0.3080 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, 86, 110) }
```

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

```
.border{ border-color:rgb(255, 86, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 86, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0414, 0.5025, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 110) }
```

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

```
.background{ background-color: rgb(255, 86,  
110) }
```

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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