

Converting Colors

$Y_{xy}(31.6907, 0.4755, 0.3116)$

Have a look what the booklet for
Yxy(31.6907, 0.4755, 0.3116)
contains.

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Color

Yxy(31.7764, 0.4755, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	FC6779
RGB	252, 103, 121
RGB Percent	99%, 40%, 47%
CMY	0.0118, 0.5960, 0.5256
CMYK	0.00, 0.59, 0.52, 0.01
HSL	353°, 96%, 70%
HSV	353°, 59%, 99%
XYZ	48.4440, 31.7764, 21.6597
YIQ	149.6030, 83.0260, 37.1860

Conversions

Conversions Part 2

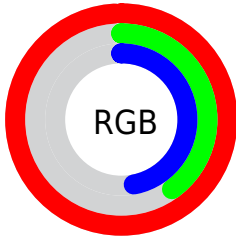
Format	Color
R_YB	252, 103, 121
Decimal	16541561
CIE Lab	63.16, 58.20, 19.73
CIE LCh	63, 61.452, 18.725
Yxy	31.7764, 0.4755, 0.3119
Android (android.graphics.Color)	4294731641 (0xFFFC6779)
YUV	149.6030, -14.1013, 89.8022
Hunter-Lab	56.3706, 54.7516, 16.6779

Details

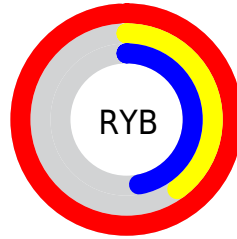
The Yxy color **31.7764, 0.4755, 0.3119** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.4459, 0.2469, 0.3505**, and the grayscale version is **30.3583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0734, 0.3921, 0.3145**, and **13.2296, 0.5281, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **27.0146, 0.5201, 0.3116**, and if you desaturate by 10%, it is **38.1765, 0.4345, 0.3138**.

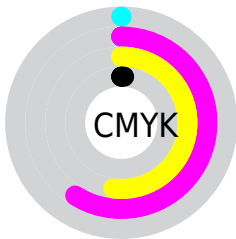
Distribution



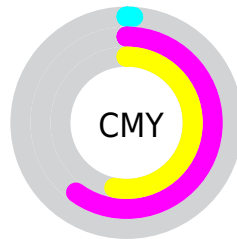
- Red (99%)
- Green (40%)
- Blue (47%)



- Red (99%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (52%)
- Black (1%)



- Cyan (1%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7764, 0.4755, 0.3119 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 31.7764, 0.4755, 0.3119 by changing the saturation by 10% instead.


 31.7764, 0.4755,
0.3119


 31.7764, 0.4755,
0.3119


310.0994, 0.3886,
0.3248


 21.1908, 0.4985,
0.3071


 62.4604, 0.4429,
0.3177

 13.2635, 0.5285,
0.3001

 83.3275, 0.4309,
0.3195

 7.6103, 0.5689,
0.2890


 108.3906, 0.4209,
0.3209

 3.8466, 0.6252,
0.2704

 138.0341, 0.4125,
0.3220

 1.5881, 0.7248,
0.2435

172.6423, 0.4052,
0.3229

 0.3496, 0.8585,
0.1415

212.5997, 0.3990,

 0.0000, 1.0000,

0.3237


0.0000


258.2906, 0.3935,
0.3243


 0.0000, 0.0000,
0.0000

 31.7764, 0.4755,
0.3119


 31.7764, 0.4755,
0.3119

 27.0146, 0.5201,
0.3116


 38.1765, 0.4345,
0.3138


 23.7370, 0.5641,
0.3134


 46.3407, 0.3991,
0.3166


 21.7688, 0.6012,
0.3175

 56.3882, 0.3698,
0.3198

 20.8489, 0.6262,
0.3229

 68.4265, 0.3460,
0.3231

 20.7904, 0.6279,
0.3233

 82.5549, 0.3269,
0.3263

98.8663, 0.3115,
0.3293

99.4348, 0.3109,
0.3290

Harmonies

Analogous

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



31.7764, 0.3919, 0.2531



31.7764, 0.4755, 0.3119



31.7764, 0.5030, 0.3779

Triad

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



31.7764, 0.4755, 0.3119



31.7764, 0.3083, 0.5018



31.7764, 0.1669, 0.1955

Complementary

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



31.7764, 0.4755, 0.3119



78.4459, 0.2469, 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.



31.7764, 0.1526, 0.2347



31.7764, 0.4755, 0.3119



31.7764, 0.2252, 0.4244

Square

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



31.7764, 0.4755, 0.3119



31.7764, 0.3974, 0.4999



31.7764, 0.1708, 0.3150



31.7764, 0.2129, 0.1892

Rectangle

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



31.7764, 0.4755, 0.3119



31.7764, 0.4865, 0.4233



31.7764, 0.1708, 0.3150



31.7764, 0.1587, 0.2045

Sweetspot

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



31.7781, 0.4755, 0.3119



71.7974, 0.3437, 0.3235



33.9096, 0.3007, 0.1829



14.5356, 0.3499, 0.3225



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.



31.7781, 0.4755, 0.3119



26.9912, 0.5288, 0.3117



46.0061, 0.4579, 0.3847



17.2592, 0.3275, 0.3262



10.8413, 0.6253, 0.3218



1.0146, 0.6000, 0.3079

Inverse Universe

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



31.7781, 0.4755, 0.3119



26.9912, 0.5288, 0.3117



50.0133, 0.2243, 0.2595



17.2592, 0.3275, 0.3262



10.8413, 0.6253, 0.3218



1.0146, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 31.7764, 0.4755, 0.3119 looks on a white background.

Color Contrast Check

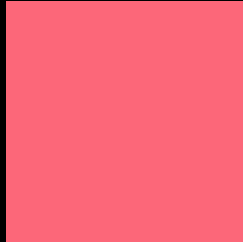
Large Text (above 18pt) WCAG AA × Fail

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 31.7764, 0.4755, 0.3119 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.7764, 0.4755, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 31.7764, 0.4755, 0.3119.



This preview shows how white text looks on a background with the Yxy color 31.7764, 0.4755, 0.3119.

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

31.7764, 0.4755, 0.3119

Protanopia

32.0959, 0.3253, 0.3412

Deuteranopia

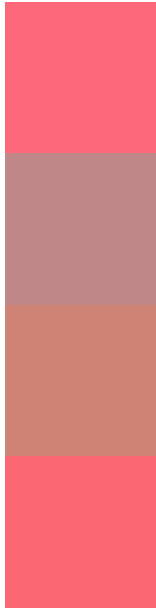
31.9061, 0.3836, 0.3763



Tritanopia

31.7601, 0.4862, 0.3237

Trichromacy



Original Color

31.7764, 0.4755, 0.3119

Protanomaly

30.3120, 0.3769, 0.3278

Deuteranomaly

30.7824, 0.4180, 0.3472

Tritanomaly

31.6477, 0.4817, 0.3188

Monochromacy



Original Color

31.7764, 0.4755, 0.3119

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.2039, 0.3684, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7764, 0.4755, 0.3119 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(252, 103, 121)` looks like.

```
.text, #text, p{  
    color:rgb(252, 103, 121)  
}
```

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(252, 103, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 103, 121) }
```

Border

The CSS property to change the border of an element to Yxy 31.7764, 0.4755, 0.3119 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(252, 103, 121) }
```

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

```
.border{ border-color:rgb(252, 103, 121) }
```

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

Here you see how a box with a 4 pixel rgb(252, 103, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 103, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 103, 121);  
box-shadow:4px 4px 4px 4px rgb(252, 103,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7764, 0.4755, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 103, 121) }
```

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

```
.background{ background-color: rgb(252,  
103, 121) }
```

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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