

Converting Colors

$Yxy(32.3024, 0.4669, 0.3130)$

Have a look what the booklet for
Yxy(32.3024, 0.4669, 0.3130)
contains.

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Color

Yxy(32.2946, 0.4674, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FA6B7C
RGB	250, 107, 124
RGB Percent	98%, 42%, 49%
CMY	0.0197, 0.5803, 0.5136
CMYK	0.00, 0.57, 0.50, 0.02
HSL	353°, 93%, 70%
HSV	353°, 57%, 98%
XYZ	48.3178, 32.2946, 22.7634
YIQ	151.6950, 79.7710, 35.6030

Conversions

Conversions Part 2

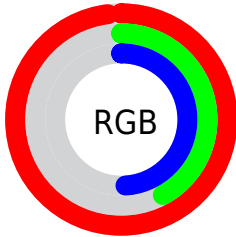
Format	Color
R _Y B	250, 107, 124
Decimal	16411516
CIE Lab	63.59, 56.01, 18.52
CIE LCh	64, 58.989, 18.293
Yxy	32.2946, 0.4674, 0.3124
Android (android.graphics.Color)	4294601596 (0xFFFA6B7C)
YUV	151.6950, -13.6536, 86.2135
Hunter-Lab	56.8283, 52.3186, 16.0304

Details

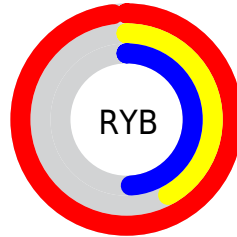
The Yxy color **32.2946, 0.4674, 0.3124** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **77.3718, 0.2482, 0.3494**, and the grayscale version is **31.2985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5890, 0.3878, 0.3155**, and **13.4806, 0.5183, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **27.3182, 0.5116, 0.3117**, and if you desaturate by 10%, it is **38.9052, 0.4273, 0.3145**.

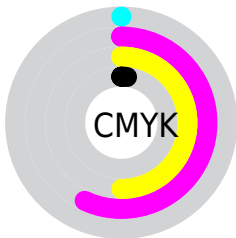
Distribution



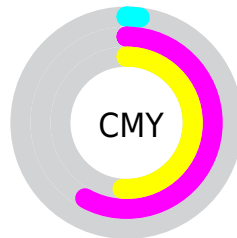
- Red (98%)
- Green (42%)
- Blue (49%)



- Red (98%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (57%)
- Yellow (50%)
- Black (2%)




- Cyan (2%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2946, 0.4674, 0.3124 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 32.2946, 0.4674, 0.3124 by changing the saturation by 10% instead.


 32.2946, 0.4674,
0.3124


 32.2946, 0.4674,
0.3124


312.4591, 0.3850,
0.3246

 21.5866, 0.4892,
0.3080


 63.2726, 0.4364,
0.3178


 13.5535, 0.5178,
0.3014

 84.3115, 0.4251,
0.3196

 7.8108, 0.5564,
0.2912


 109.5628, 0.4156,
0.3209

 3.9741, 0.6104,
0.2741

 139.4108, 0.4076,
0.3220

 1.6591, 0.7013,
0.2475

174.2401, 0.4007,
0.3228

 0.3970, 0.8414,
0.1586

214.4350, 0.3948,


 0.0000, 1.0000,


0.3235


0.0000


260.3798, 0.3896,
0.3241


 0.0000, 0.0000,
0.0000

 32.2946, 0.4674,
0.3124

 32.2946, 0.4674,
0.3124

 27.3182, 0.5116,
0.3117

 38.9052, 0.4273,
0.3145


 23.8286, 0.5562,
0.3131


 47.2703, 0.3931,
0.3174

 21.6607, 0.5951,
0.3167

 57.5048, 0.3649,
0.3206

 20.6009, 0.6225,
0.3221

 69.7126, 0.3420,
0.3238

 20.4139, 0.6281,
0.3234

 83.9897, 0.3236,
0.3269

99.0615, 0.3096,
0.3290

Harmonies

Analogous

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



32.2946, 0.3872, 0.2554



32.2946, 0.4674, 0.3124



32.2946, 0.4952, 0.3765

Triad

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



32.2946, 0.4674, 0.3124



32.2946, 0.3107, 0.4937



32.2946, 0.1716, 0.2009

Complementary

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



32.2946, 0.4674, 0.3124



77.3718, 0.2482, 0.3494

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.



32.2946, 0.1583, 0.2398



32.2946, 0.4674, 0.3124



32.2946, 0.2302, 0.4211

Square

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



32.2946, 0.4674, 0.3124



32.2946, 0.3963, 0.4925



32.2946, 0.1768, 0.3176



32.2946, 0.2159, 0.1941

Rectangle

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



32.2946, 0.4674, 0.3124



32.2946, 0.4806, 0.4203



32.2946, 0.1768, 0.3176



32.2946, 0.1638, 0.2099

Sweetspot

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



32.2963, 0.4674, 0.3124



73.1719, 0.3417, 0.3239



34.3965, 0.3013, 0.1869



15.0739, 0.3459, 0.3232



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.



32.2963, 0.4674, 0.3124



27.7789, 0.5201, 0.3118



46.3311, 0.4513, 0.3833



17.2588, 0.3275, 0.3262



10.8402, 0.6256, 0.3220



1.0144, 0.6005, 0.3082

Inverse Universe

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



32.2963, 0.4674, 0.3124



27.7789, 0.5201, 0.3118



50.2175, 0.2267, 0.2623



17.2588, 0.3275, 0.3262



10.8402, 0.6256, 0.3220



1.0144, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 32.2946, 0.4674, 0.3124 looks on a white background.

Color Contrast Check

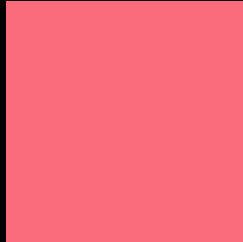
Large Text (above 18pt) WCAG AA × Fail

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 32.2946, 0.4674, 0.3124 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 32.2946, 0.4674, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 32.2946, 0.4674, 0.3124.



This preview shows how white text looks on a background with the Yxy color 32.2946, 0.4674, 0.3124.

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

32.2946, 0.4674, 0.3124

Protanopia

32.5887, 0.3243, 0.3396

Deuteranopia

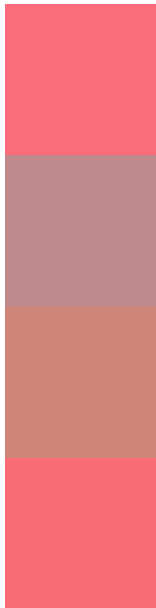
32.4092, 0.3811, 0.3732



Tritanopia

32.1258, 0.4762, 0.3215

Trichromacy



Original Color

32.2946, 0.4674, 0.3124

Protanomaly

30.9619, 0.3726, 0.3264

Deuteranomaly

31.3965, 0.4133, 0.3459

Tritanomaly

32.1968, 0.4724, 0.3184

Monochromacy



Original Color

32.2946, 0.4674, 0.3124

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2527, 0.3651, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2946, 0.4674, 0.3124 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(250, 107, 124)` looks like.

```
.text, #text, p{  
    color:rgb(250, 107, 124)  
}
```

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(250, 107, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 107, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.2946, 0.4674, 0.3124 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(250, 107, 124) }
```

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

```
.border{ border-color:rgb(250, 107, 124) }
```

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

Here you see how a box with a 4 pixel rgb(250, 107, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 107, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 107, 124);  
box-shadow:4px 4px 4px 4px rgb(250, 107,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2946, 0.4674, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 107, 124) }
```

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

```
.background{ background-color: rgb(250,  
107, 124) }
```

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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