

Converting Colors

Yxy(32.1669, 0.4745, 0.3262)

Have a look what the booklet for
Yxy(32.1669, 0.4745, 0.3262)
contains.

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Color

Yxy(32.1766, 0.4740, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	F66F72
RGB	246, 111, 114
RGB Percent	96%, 44%, 45%
CMY	0.0353, 0.5647, 0.5528
CMYK	0.00, 0.55, 0.54, 0.04
HSL	359°, 88%, 70%
HSV	359°, 55%, 96%
XYZ	46.7270, 32.1766, 19.6766
YIQ	151.7070, 79.4970, 29.5530

Conversions

Conversions Part 2

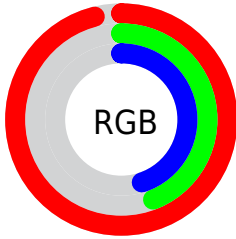
Format	Color
R _Y B	246, 111, 114
Decimal	16150386
CIE Lab	63.49, 52.00, 23.98
CIE LCh	63, 57.259, 24.754
Yxy	32.1766, 0.4740, 0.3264
Android (android.graphics.Color)	4294340466 (0xFFFF66F72)
YUV	151.7070, -18.5896, 82.6950
Hunter-Lab	56.7244, 47.7726, 19.1405

Details

The Yxy color **32.1766, 0.4740, 0.3264** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.7560, 0.2443, 0.3324**, and the grayscale version is **31.3253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2856, 0.3965, 0.3292**, and **13.5360, 0.5268, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **27.0508, 0.5214, 0.3264**, and if you desaturate by 10%, it is **38.9275, 0.4309, 0.3267**.

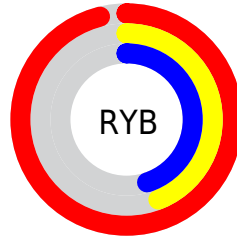
Distribution



Red (96%)

Green (44%)

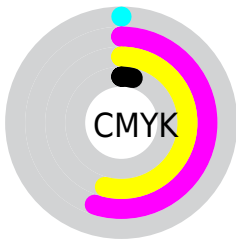
Blue (45%)



Red (96%)

Yellow (44%)

Blue (45%)

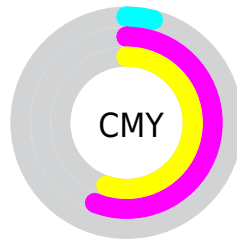


Cyan (0%)

Magenta (55%)

Yellow (54%)

Black (4%)



Cyan (4%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1766, 0.4740, 0.3264 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 32.1766, 0.4740, 0.3264 by changing the saturation by 10% instead.


 32.1766, 0.4740,
0.3264

 32.1766, 0.4740,
0.3264


311.9229, 0.3881,
0.3322

 21.4964, 0.4966,
0.3232


 63.0878, 0.4418,
0.3297

 13.4874, 0.5261,
0.3181


 84.0877, 0.4299,
0.3306

 7.7650, 0.5656,
0.3093


 109.2962, 0.4201,
0.3312

 3.9449, 0.6200,
0.2932

 139.0978, 0.4117,
0.3316

 1.6428, 0.7267,
0.2733

173.8769, 0.4045,
0.3318

 0.3862, 0.8320,
0.1680

214.0179, 0.3983,


 0.0000, 1.0000,

0.3320

0.0000

259.9051, 0.3928,
0.3321


 0.0000, 0.0000,
0.0000


 32.1766, 0.4740,
0.3264

 32.1766, 0.4740,
0.3264


 27.0508, 0.5214,
0.3264


 38.9275, 0.4309,
0.3267

 23.4088, 0.5682,
0.3268


 47.4190, 0.3942,
0.3271

 21.0942, 0.6072,
0.3277


 57.7621, 0.3642,
0.3277

 19.9126, 0.6317,
0.3288

 70.0573, 0.3400,
0.3282

 19.6034, 0.6384,
0.3291

 84.3975, 0.3207,
0.3288

 98.3313, 0.3072,
0.3290

Harmonies

Analogous

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



32.1766, 0.4047, 0.2683



32.1766, 0.4740, 0.3264



32.1766, 0.4886, 0.3900

Triad

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



32.1766, 0.4740, 0.3264



32.1766, 0.2931, 0.4790



32.1766, 0.1815, 0.2000

Complementary

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



32.1766, 0.4740, 0.3264



75.7560, 0.2443, 0.3324

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.



32.1766, 0.1620, 0.2310



32.1766, 0.4740, 0.3264



32.1766, 0.2185, 0.3969

Square

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



32.1766, 0.4740, 0.3264



32.1766, 0.3776, 0.4939



32.1766, 0.1734, 0.2988



32.1766, 0.2318, 0.1991

Rectangle

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



32.1766, 0.4740, 0.3264



32.1766, 0.4675, 0.4324



32.1766, 0.1734, 0.2988



32.1766, 0.1717, 0.2067

Sweetspot

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



32.1783, 0.4740, 0.3264



74.3665, 0.3425, 0.3282



36.8122, 0.3146, 0.1971



15.3016, 0.3472, 0.3281



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.



32.1783, 0.4740, 0.3264



28.7740, 0.5274, 0.3264



51.0122, 0.4343, 0.3956



16.4885, 0.3290, 0.3285



10.4670, 0.6377, 0.3287



0.9220, 0.6318, 0.3254

Inverse Universe

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



32.1783, 0.4740, 0.3264



28.7740, 0.5274, 0.3264



43.9009, 0.2260, 0.2472



16.4885, 0.3290, 0.3285



10.4670, 0.6377, 0.3287



0.9220, 0.6318, 0.3254

Previews

White Background



This preview shows how the Yxy color 32.1766, 0.4740, 0.3264 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 32.1766, 0.4740, 0.3264 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 32.1766, 0.4740, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 32.1766, 0.4740, 0.3264.



This preview shows how white text looks on a background with the Yxy color 32.1766, 0.4740, 0.3264.

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

32.1766, 0.4740, 0.3264

Protanopia

32.5138, 0.3399, 0.3593

Deuteranopia

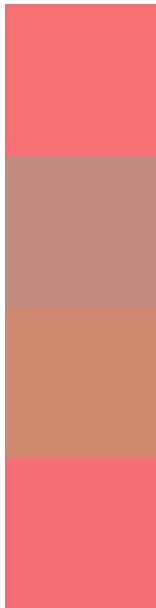
32.4529, 0.3926, 0.3853



Tritanopia

32.0527, 0.4696, 0.3213

Trichromacy



Original Color

32.1766, 0.4740, 0.3264

Protanomaly

31.0467, 0.3871, 0.3442

Deuteranomaly

31.7191, 0.4236, 0.3611

Tritanomaly

32.0290, 0.4709, 0.3223

Monochromacy



Original Color

32.1766, 0.4740, 0.3264

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.1654, 0.3671, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1766, 0.4740, 0.3264 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(246, 111, 114)` looks like.

```
.text, #text, p{  
    color:rgb(246, 111, 114)  
}
```

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(246, 111, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 111, 114) }
```

Border

The CSS property to change the border of an element to Yxy 32.1766, 0.4740, 0.3264 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(246, 111, 114) }
```

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

```
.border{ border-color:rgb(246, 111, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 111, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 111, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 111, 114);  
box-shadow:4px 4px 4px 4px rgb(246, 111,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1766, 0.4740, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 111, 114) }
```

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

```
.background{ background-color: rgb(246,  
111, 114) }
```

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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