

Converting Colors

$Y_{xy}(32.0985, 0.4811, 0.3131)$

Have a look what the booklet for
Yxy(32.0985, 0.4811, 0.3131)
contains.

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Color

Yxy(32.0947, 0.4814, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FF6677
RGB	255, 102, 119
RGB Percent	100%, 40%, 47%
CMY	0.0000, 0.6001, 0.5333
CMYK	0.00, 0.60, 0.53, 0.00
HSL	353°, 100%, 70%
HSV	353°, 60%, 100%
XYZ	49.3307, 32.0947, 21.0481
YIQ	149.6850, 85.7310, 37.7230

Conversions

Conversions Part 2

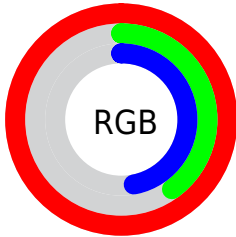
Format	Color
R_{YB}	255, 102, 119
Decimal	16737911
CIE _{Lab}	63.42, 59.49, 21.29
CIE _{LCh}	63, 63.182, 19.693
Yxy	32.0947, 0.4814, 0.3132
Android (android.graphics.Color)	4294927991 (0xFFFF6677)
YUV	149.6850, -15.1277, 92.3613
Hunter-Lab	56.6522, 56.2902, 17.6284

Details

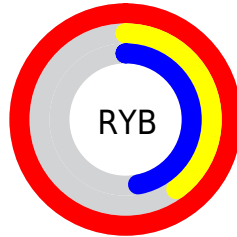
The Yxy color **32.0947, 0.4814, 0.3132** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.5149, 0.2457, 0.3491**, and the grayscale version is **30.3899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6540, 0.3944, 0.3156**, and **13.4483, 0.5360, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **27.3455, 0.5265, 0.3131**, and if you desaturate by 10%, it is **38.5049, 0.4394, 0.3148**.

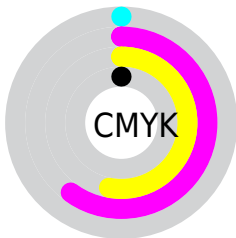
Distribution



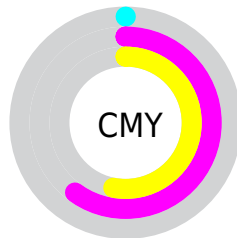
- Red (100%)
- Green (40%)
- Blue (47%)



- Red (100%)
- Yellow (40%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0947, 0.4814, 0.3132 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 32.0947, 0.4814, 0.3132 by changing the saturation by 10% instead.


 32.0947, 0.4814,
0.3132


 32.0947, 0.4814,
0.3132


311.5504, 0.3916,
0.3257


 21.4338, 0.5050,
0.3084


 62.9595, 0.4477,
0.3190


 13.4415, 0.5357,
0.3012


 83.9323, 0.4354,
0.3208

 7.7333, 0.5769,
0.2899


 109.1111, 0.4251,
0.3221

 3.9247, 0.6336,
0.2709

 138.8804, 0.4163,
0.3232

 1.6316, 0.7363,
0.2443

173.6246, 0.4088,
0.3240

 0.3787, 0.8550,
0.1450

213.7281, 0.4023,

 0.0000, 1.0000,

0.3247

0.0000

259.5752, 0.3966,
0.3253

■ 0.0000, 0.0000,
0.0000

■ 32.0947, 0.4814,
0.3132

■ 32.0947, 0.4814,
0.3132

■ 27.3455, 0.5265,
0.3131

■ 38.5049, 0.4394,
0.3148

■ 24.1156, 0.5703,
0.3151

■ 46.7267, 0.4031,
0.3173

■ 22.2149, 0.6062,
0.3191

■ 56.8779, 0.3729,
0.3203

■ 21.3456, 0.6295,
0.3241

■ 69.0701, 0.3483,
0.3233

■ 83.4064, 0.3286,
0.3262

99.9832, 0.3127,
0.3290

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.



32.0947, 0.3970, 0.2532



32.0947, 0.4814, 0.3132



32.0947, 0.5070, 0.3803

Triad

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



32.0947, 0.4814, 0.3132



32.0947, 0.3047, 0.5053



32.0947, 0.1651, 0.1921

Complementary

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



32.0947, 0.4814, 0.3132



80.5149, 0.2457, 0.3491

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.



32.0947, 0.1496, 0.2305



32.0947, 0.4814, 0.3132



32.0947, 0.2206, 0.4234

Square

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



32.0947, 0.4814, 0.3132



32.0947, 0.3957, 0.5048



32.0947, 0.1667, 0.3110



32.0947, 0.2128, 0.1868

Rectangle

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



32.0947, 0.4814, 0.3132



32.0947, 0.4885, 0.4267



32.0947, 0.1667, 0.3110



32.0947, 0.1564, 0.2007

Sweetspot

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



32.0899, 0.4814, 0.3132



71.7756, 0.3440, 0.3239



34.7479, 0.3028, 0.1821



14.5304, 0.3503, 0.3230



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.



32.0899, 0.4814, 0.3132



26.5872, 0.5356, 0.3133



47.5812, 0.4591, 0.3879



18.0199, 0.3277, 0.3264



11.1640, 0.6270, 0.3228



1.0972, 0.6042, 0.3102

Inverse Universe

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



32.0899, 0.4814, 0.3132



26.5872, 0.5356, 0.3133



49.6771, 0.2224, 0.2548



18.0199, 0.3277, 0.3264



11.1640, 0.6270, 0.3228



1.0972, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 32.0947, 0.4814, 0.3132 looks on a white background.

Color Contrast Check

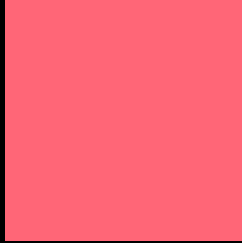
Large Text (above 18pt) WCAG AA × Fail

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 32.0947, 0.4814, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

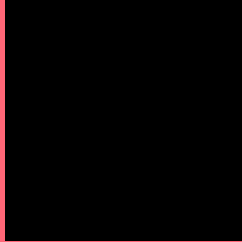
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0947, 0.4814, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 32.0947, 0.4814, 0.3132.



This preview shows how white text looks on a background with the Yxy color 32.0947, 0.4814, 0.3132.

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

32.0947, 0.4814, 0.3132

Protanopia

32.1670, 0.3273, 0.3427

Deuteranopia

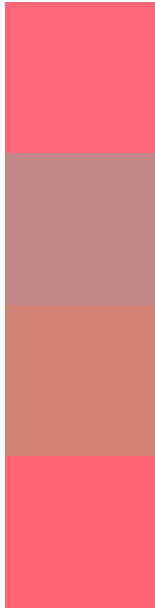
31.9824, 0.3868, 0.3789



Tritanopia

31.8971, 0.4913, 0.3229

Trichromacy



Original Color

32.0947, 0.4814, 0.3132

Protanomaly

30.2688, 0.3807, 0.3278

Deuteranomaly

31.0257, 0.4225, 0.3495

Tritanomaly

31.9636, 0.4876, 0.3200

Monochromacy



Original Color

32.0947, 0.4814, 0.3132

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.3305, 0.3696, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0947, 0.4814, 0.3132 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, 102, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 119)  
}
```

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, 102, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 119) }
```

Border

The CSS property to change the border of an element to Yxy 32.0947, 0.4814, 0.3132 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, 102, 119) }
```

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

```
.border{ border-color:rgb(255, 102, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0947, 0.4814, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 119) }
```

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

```
.background{ background-color: rgb(255,  
102, 119) }
```

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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