

Converting Colors

$Y_{xy}(32.2491, 0.4920, 0.3240)$

Have a look what the booklet for
Yxy(32.2491, 0.4920, 0.3240)
contains.

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Color

Yxy(32.2864, 0.4916, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FF686E
RGB	255, 104, 110
RGB Percent	100%, 41%, 43%
CMY	0.0000, 0.5921, 0.5688
CMYK	0.00, 0.59, 0.57, 0.00
HSL	358°, 100%, 70%
HSV	358°, 59%, 100%
XYZ	49.0028, 32.2864, 18.3910
YIQ	149.8330, 88.0700, 33.8780

Conversions

Conversions Part 2

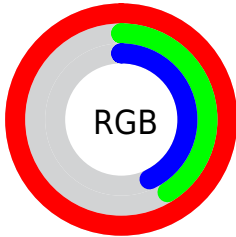
Format	Color
R _Y B	255, 104, 110
Decimal	16738414
CIE Lab	63.58, 57.91, 26.65
CIE LCh	64, 63.751, 24.710
Yxy	32.2864, 0.4916, 0.3239
Android (android.graphics.Color)	4294928494 (0xFFFF686E)
YUV	149.8330, -19.6377, 92.2315
Hunter-Lab	56.8211, 54.5021, 20.5847

Details

The Yxy color **32.2864, 0.4916, 0.3239** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.3049, 0.2419, 0.3358**, and the grayscale version is **30.4827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0102, 0.4027, 0.3272**, and **13.5193, 0.5466, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **27.4452, 0.5391, 0.3241**, and if you desaturate by 10%, it is **38.8300, 0.4468, 0.3243**.

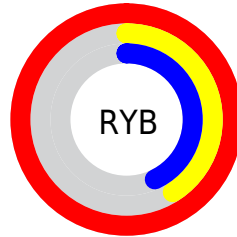
Distribution



Red (100%)

Green (41%)

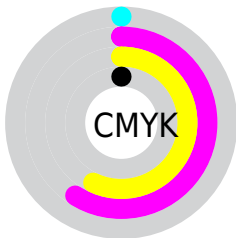
Blue (43%)



Red (100%)

Yellow (41%)

Blue (43%)

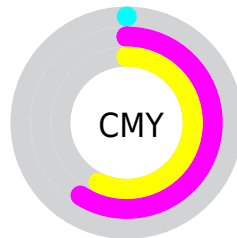


Cyan (0%)

Magenta (59%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (59%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2864, 0.4916, 0.3239 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 32.2864, 0.4916, 0.3239 by changing the saturation by 10% instead.


 32.2864, 0.4916,
0.3239


 32.2864, 0.4916,
0.3239


312.4218, 0.3966,
0.3320

 21.5803, 0.5163,
0.3198


 63.2598, 0.4562,
0.3283


 13.5489, 0.5481,
0.3133


 84.2959, 0.4431,
0.3295

 7.8076, 0.5902,
0.3024


 109.5442, 0.4322,
0.3304

 3.9721, 0.6470,
0.2832

 139.3891, 0.4229,
0.3309

 1.6580, 0.7451,
0.2549

174.2149, 0.4149,
0.3314

 0.3962, 0.8469,
0.1531

214.4060, 0.4080,


 0.0000, 1.0000,


0.3316

0.0000

260.3469, 0.4020,
0.3318


 0.0000, 0.0000,
0.0000


 32.2864, 0.4916,
0.3239


 32.2864, 0.4916,
0.3239

 27.4452, 0.5391,
0.3241


 38.8300, 0.4468,
0.3243


 24.1438, 0.5836,
0.3250


 47.2086, 0.4078,
0.3251

 22.1976, 0.6177,
0.3267

 57.5476, 0.3755,
0.3261

 21.3298, 0.6364,
0.3284

 69.9601, 0.3493,
0.3271

 21.2816, 0.6373,
0.3284

 84.5504, 0.3283,
0.3281

99.9996, 0.3127,
0.3290

Harmonies

Analogous

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



32.2864, 0.4145, 0.2620



32.2864, 0.4916, 0.3239



32.2864, 0.5059, 0.3920

Triad

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



32.2864, 0.4916, 0.3239



32.2864, 0.2892, 0.4984



32.2864, 0.1700, 0.1883

Complementary

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



32.2864, 0.4916, 0.3239



81.3049, 0.2419, 0.3358

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.



32.2864, 0.1491, 0.2206



32.2864, 0.4916, 0.3239



32.2864, 0.2083, 0.4050

Square

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



32.2864, 0.4916, 0.3239



32.2864, 0.3813, 0.5113



32.2864, 0.1605, 0.2941



32.2864, 0.2236, 0.1879

Rectangle

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



32.2864, 0.4916, 0.3239



32.2864, 0.4812, 0.4386



32.2864, 0.1605, 0.2941



32.2864, 0.1595, 0.1951

Sweetspot

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



32.2882, 0.4916, 0.3239



71.6086, 0.3465, 0.3273



36.9792, 0.3123, 0.1877



14.4906, 0.3533, 0.3270



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.



32.2882, 0.4916, 0.3239



26.7463, 0.5475, 0.3242



51.7480, 0.4490, 0.3973



17.9987, 0.3288, 0.3281



11.1253, 0.6361, 0.3278



1.0871, 0.6267, 0.3226

Inverse Universe

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



32.2882, 0.4916, 0.3239



26.7463, 0.5475, 0.3242



45.7279, 0.2204, 0.2426



17.9987, 0.3288, 0.3281



11.1253, 0.6361, 0.3278



1.0871, 0.6267, 0.3226

Previews

White Background



This preview shows how the Yxy color 32.2864, 0.4916, 0.3239 looks on a white background.

Color Contrast Check

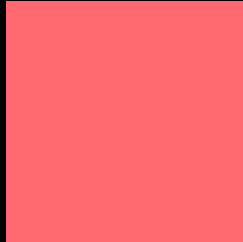
Large Text (above 18pt) WCAG AA × Fail

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 32.2864, 0.4916, 0.3239 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 32.2864, 0.4916, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 32.2864, 0.4916, 0.3239.



This preview shows how white text looks on a background with the Yxy color 32.2864, 0.4916, 0.3239.

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

32.2864, 0.4916, 0.3239

Protanopia

32.4585, 0.3419, 0.3624

Deuteranopia

32.4734, 0.3987, 0.3918



Tritanopia

32.3083, 0.4903, 0.3229

Trichromacy



Original Color

32.2864, 0.4916, 0.3239

Protanomaly

30.7993, 0.3949, 0.3454

Deuteranomaly

31.2448, 0.4334, 0.3618

Tritanomaly

32.3083, 0.4903, 0.3229

Monochromacy



Original Color

32.2864, 0.4916, 0.3239

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.2157, 0.3743, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2864, 0.4916, 0.3239 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, 104, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 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, 104, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.2864, 0.4916, 0.3239 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, 104, 110) }
```

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

```
.border{ border-color:rgb(255, 104, 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, 104, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2864, 0.4916, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 110) }
```

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

```
.background{ background-color: rgb(255,  
104, 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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