

Converting Colors

$Y_{xy}(32.8011, 0.4838, 0.3228)$

Have a look what the booklet for
Yxy(32.8011, 0.4838, 0.3228)
contains.

Yxy(32.8011, 0.4838, 0.3228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.8011, 0.4838, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	FE6B72
RGB	254, 107, 114
RGB Percent	100%, 42%, 45%
CMY	0.0040, 0.5803, 0.5530
CMYK	0.00, 0.58, 0.55, 0.00
HSL	357°, 99%, 71%
HSV	357°, 58%, 100%
XYZ	49.1610, 32.8011, 19.6522
YIQ	151.7510, 85.3650, 33.3410

Conversions

Conversions Part 2

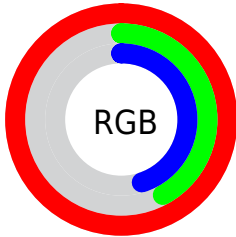
Format	Color
RYB	254, 107, 114
Decimal	16673650
CIELab	64.00, 56.53, 24.90
CIElCh	64, 61.774, 23.775
Yxy	32.8011, 0.4838, 0.3228
Android (android.graphics.Color)	4294863730 (0xFFFE6B72)
YUV	151.7510, -18.6112, 89.6724
Hunter-Lab	57.2722, 52.9933, 19.7460

Details

The Yxy color **32.8011, 0.4838, 0.3228** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.7149, 0.2434, 0.3370**, and the grayscale version is **31.3440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2076, 0.3976, 0.3261**, and **13.8810, 0.5384, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **27.7805, 0.5310, 0.3228**, and if you desaturate by 10%, it is **39.5258, 0.4400, 0.3234**.

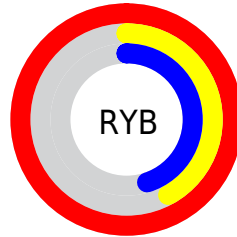
Distribution



Red (100%)

Green (42%)

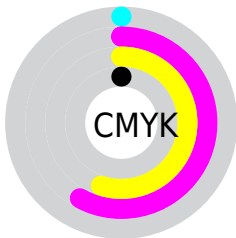
Blue (45%)



Red (100%)

Yellow (42%)

Blue (45%)

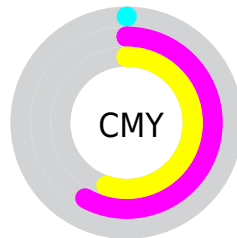


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8011, 0.4838, 0.3228 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 32.8011, 0.4838, 0.3228 by changing the saturation by 10% instead.


 32.8011, 0.4838,
0.3228


 32.8011, 0.4838,
0.3228


314.7525, 0.3931,
0.3309

 21.9741, 0.5075,
0.3189


 64.0649, 0.4499,
0.3271


 13.8379, 0.5381,
0.3128


 85.2705, 0.4374,
0.3283

 8.0080, 0.5787,
0.3027

 110.7044, 0.4270,
0.3291

 4.1001, 0.6341,
0.2849

 140.7510, 0.4181,
0.3297

 1.7297, 0.7383,
0.2617

175.7947, 0.4105,
0.3302

 0.4428, 0.8332,
0.1668

216.2200, 0.4039,


 0.0000, 1.0000,


0.3305


0.0000


262.4111, 0.3982,
0.3307


 0.0000, 0.0000,
0.0000


 32.8011, 0.4838,
0.3228


 32.8011, 0.4838,
0.3228

 27.7805, 0.5310,
0.3228


 39.5258, 0.4400,
0.3234


 24.3063, 0.5763,
0.3238


 48.0831, 0.4023,
0.3245


 22.2010, 0.6125,
0.3256

 58.5957, 0.3711,
0.3257

 21.2258, 0.6339,
0.3279

 71.1739, 0.3459,
0.3269

 21.0932, 0.6367,
0.3281

 85.9198, 0.3257,
0.3281

99.8067, 0.3121,
0.3290

Harmonies

Analogous

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



32.8011, 0.4080, 0.2625



32.8011, 0.4838, 0.3228



32.8011, 0.5003, 0.3892

Triad

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



32.8011, 0.4838, 0.3228



32.8011, 0.2934, 0.4931



32.8011, 0.1729, 0.1929

Complementary

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



32.8011, 0.4838, 0.3228



80.7149, 0.2434, 0.3370

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.



32.8011, 0.1535, 0.2259



32.8011, 0.4838, 0.3228



32.8011, 0.2140, 0.4056

Square

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



32.8011, 0.4838, 0.3228



32.8011, 0.3828, 0.5043



32.8011, 0.1660, 0.2988



32.8011, 0.2243, 0.1915

Rectangle

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



32.8011, 0.4838, 0.3228



32.8011, 0.4780, 0.4344



32.8011, 0.1660, 0.2988



32.8011, 0.1630, 0.2000

Sweetspot

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



32.8029, 0.4838, 0.3228



73.0118, 0.3440, 0.3270



37.3833, 0.3124, 0.1903



15.0367, 0.3485, 0.3268



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.



32.8029, 0.4838, 0.3228



27.5533, 0.5365, 0.3229



52.0763, 0.4450, 0.3961



18.0010, 0.3287, 0.3279



11.1286, 0.6353, 0.3273



1.0882, 0.6242, 0.3212

Inverse Universe

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



32.8029, 0.4838, 0.3228



27.5533, 0.5365, 0.3229



46.1853, 0.2223, 0.2450



18.0010, 0.3287, 0.3279



11.1286, 0.6353, 0.3273



1.0882, 0.6242, 0.3212

Previews

White Background



This preview shows how the Yxy color 32.8011, 0.4838, 0.3228 looks on a white background.

Color Contrast Check

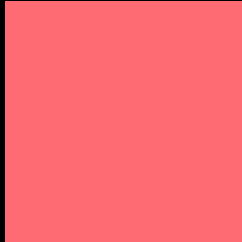
Large Text (above 18pt) WCAG AA × Fail

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 32.8011, 0.4838, 0.3228 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 32.8011, 0.4838, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 32.8011, 0.4838, 0.3228.



This preview shows how white text looks on a background with the Yxy color 32.8011, 0.4838, 0.3228.

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

32.8011, 0.4838, 0.3228

Protanopia

33.0068, 0.3388, 0.3576

Deuteranopia

32.9955, 0.3952, 0.3875



Tritanopia

32.8011, 0.4838, 0.3228

Trichromacy



Original Color

32.8011, 0.4838, 0.3228

Protanomaly

31.4712, 0.3893, 0.3427

Deuteranomaly

32.0249, 0.4285, 0.3592

Tritanomaly

32.8011, 0.4838, 0.3228

Monochromacy



Original Color

32.8011, 0.4838, 0.3228

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.2621, 0.3708, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8011, 0.4838, 0.3228 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(254, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(254, 107, 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(254, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 107, 114) }
```

Border

The CSS property to change the border of an element to Yxy 32.8011, 0.4838, 0.3228 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(254, 107, 114) }
```

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

```
.border{ border-color:rgb(254, 107, 114) }
```

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

Here you see how a box with a 4 pixel rgb(254, 107, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(254, 107,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8011, 0.4838, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 107, 114) }
```

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

```
.background{ background-color: rgb(254,  
107, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor