

Converting Colors

$Y_{xy}(32.8772, 0.4987, 0.3349)$

Have a look what the booklet for
Yxy(32.8772, 0.4987, 0.3349)
contains.

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Color

Yxy(32.9444, 0.4985, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C66
RGB	255, 108, 102
RGB Percent	100%, 42%, 40%
CMY	0.0001, 0.5763, 0.6000
CMYK	0.00, 0.58, 0.60, 0.00
HSL	2°, 100%, 70%
HSV	2°, 60%, 100%
XYZ	48.9940, 32.9444, 16.3444
YIQ	151.2690, 89.5380, 29.2980

Conversions

Conversions Part 2

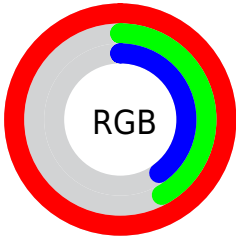
Format	Color
R _Y B	255, 108, 102
Decimal	16739430
CIE Lab	64.12, 55.57, 31.84
CIE LCh	64, 64.049, 29.808
Yxy	32.9444, 0.4985, 0.3352
Android (android.graphics.Color)	4294929510 (0xFFFF6C66)
YUV	151.2690, -24.2896, 90.9721
Hunter-Lab	57.3972, 51.9216, 23.2946

Details

The Yxy color **32.9444, 0.4985, 0.3352** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **77.7544, 0.2374, 0.3217**, and the grayscale version is **31.1498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1108, 0.4099, 0.3409**, and **13.8500, 0.5555, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **28.0536, 0.5460, 0.3353**, and if you desaturate by 10%, it is **39.4449, 0.4530, 0.3345**.

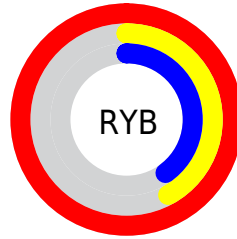
Distribution



Red (100%)

Green (42%)

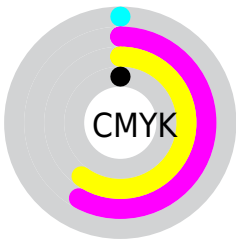
Blue (40%)



Red (100%)

Yellow (42%)

Blue (40%)

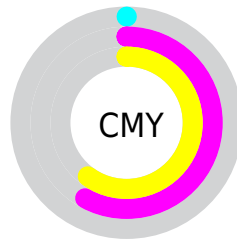


Cyan (0%)

Magenta (58%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9444, 0.4985, 0.3352 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 32.9444, 0.4985, 0.3352 by changing the saturation by 10% instead.


 32.9444, 0.4985,
0.3352


 32.9444, 0.4985,
0.3352


315.3991, 0.4005,
0.3384


 22.0839, 0.5236,
0.3320


 64.2887, 0.4622,
0.3381


 13.9185, 0.5555,
0.3263


 85.5413, 0.4487,
0.3387

 8.0640, 0.5972,
0.3161

 111.0266, 0.4374,
0.3389

 4.1359, 0.6531,
0.2978

 141.1292, 0.4278,
0.3390

 1.7499, 0.7346,
0.2654

176.2333, 0.4195,
0.3389

 0.4557, 0.8278,
0.1722

216.7234, 0.4123,

 0.0000, 1.0000,

0.3388

0.0000

262.9839, 0.4061,
0.3386

■ 0.0000, 0.0000,
0.0000

■ 32.9444, 0.4985,
0.3352

■ 32.9444, 0.4985,
0.3352

■ 28.0536, 0.5460,
0.3353

■ 39.4449, 0.4530,
0.3345

■ 24.6274, 0.5894,
0.3345

■ 47.6732, 0.4131,
0.3335

■ 22.5040, 0.6215,
0.3330

■ 57.7422, 0.3796,
0.3324

■ 21.4740, 0.6382,
0.3315

■ 69.7542, 0.3523,
0.3312

■ 21.4739, 0.6382,
0.3315

■ 83.8036, 0.3303,
0.3301

99.9789, 0.3127,
0.3290

99.9954, 0.3127,
0.3290

Harmonies

Analogous

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



32.9444, 0.4306, 0.2719



32.9444, 0.4985, 0.3352



32.9444, 0.5016, 0.4038

Triad

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



32.9444, 0.4985, 0.3352



32.9444, 0.2740, 0.4869



32.9444, 0.1769, 0.1865

Complementary

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



32.9444, 0.4985, 0.3352



77.7544, 0.2374, 0.3217

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.



32.9444, 0.1507, 0.2127



32.9444, 0.4985, 0.3352



32.9444, 0.1977, 0.3850

Square

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



32.9444, 0.4985, 0.3352



32.9444, 0.3659, 0.5145



32.9444, 0.1564, 0.2785



32.9444, 0.2363, 0.1908

Rectangle

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



32.9444, 0.4985, 0.3352



32.9444, 0.4712, 0.4500



32.9444, 0.1564, 0.2785



32.9444, 0.1646, 0.1915

Sweetspot

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



32.9462, 0.4985, 0.3352



72.4133, 0.3475, 0.3310



37.6508, 0.3240, 0.1929



14.6816, 0.3545, 0.3313



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.



32.9462, 0.4985, 0.3352



27.2615, 0.5553, 0.3352



56.3225, 0.4421, 0.4104



18.1019, 0.3294, 0.3300



11.2727, 0.6373, 0.3321



1.1363, 0.6309, 0.3373

Inverse Universe

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



77.7544, 0.2374, 0.3217



75.5568, 0.2295, 0.3201



40.0773, 0.2154, 0.2240



20.3512, 0.2980, 0.3280



37.9288, 0.2213, 0.3166



3.7298, 0.2217, 0.3181

Previews

White Background



This preview shows how the Yxy color 32.9444, 0.4985, 0.3352 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 32.9444, 0.4985, 0.3352 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 32.9444, 0.4985, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 32.9444, 0.4985, 0.3352.



This preview shows how white text looks on a background with the Yxy color 32.9444, 0.4985, 0.3352.

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

32.9444, 0.4985, 0.3352

Protanopia

32.9548, 0.3556, 0.3785

Deuteranopia

33.1399, 0.4103, 0.4023



Tritanopia

32.9903, 0.4847, 0.3228

Trichromacy



Original Color

32.9444, 0.4985, 0.3352

Protanomaly

31.4205, 0.4063, 0.3599

Deuteranomaly

32.0782, 0.4439, 0.3731

Tritanomaly

32.9012, 0.4896, 0.3267

Monochromacy



Original Color

32.9444, 0.4985, 0.3352

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8402, 0.3770, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9444, 0.4985, 0.3352 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, 108, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 102)  
}
```

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, 108, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 102) }
```

Border

The CSS property to change the border of an element to Yxy 32.9444, 0.4985, 0.3352 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, 108, 102) }
```

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

```
.border{ border-color:rgb(255, 108, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 108, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9444, 0.4985, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 102) }
```

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

```
.background{ background-color: rgb(255,  
108, 102) }
```

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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