

Converting Colors

$Yxy(32.3987, 0.5028, 0.3396)$

Have a look what the booklet for
Yxy(32.3987, 0.5028, 0.3396)
contains.

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Color

Yxy(32.4708, 0.5027, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	FD6C61
RGB	253, 108, 97
RGB Percent	99%, 42%, 38%
CMY	0.0079, 0.5764, 0.6198
CMYK	0.00, 0.57, 0.62, 0.01
HSL	4°, 97%, 69%
HSV	4°, 62%, 99%
XYZ	48.0232, 32.4708, 15.0365
YIQ	150.1010, 89.9510, 27.3190

Conversions

Conversions Part 2

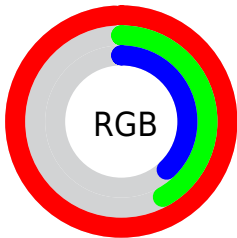
Format	Color
R _Y B	253, 109, 97
Decimal	16608353
CIE Lab	63.73, 54.57, 34.09
CIE LCh	64, 64.344, 31.991
Yxy	32.4708, 0.5027, 0.3399
Android (android.graphics.Color)	4294798433 (0xFFFD6C61)
YUV	150.1010, -26.1788, 90.2424
Hunter-Lab	56.9832, 50.7122, 24.2430

Details

The Yxy color **32.4708, 0.5027, 0.3399** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **73.0901, 0.2348, 0.3155**, and the grayscale version is **30.6310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9490, 0.4148, 0.3461**, and **13.6334, 0.5605, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **27.7650, 0.5492, 0.3398**, and if you desaturate by 10%, it is **38.6668, 0.4577, 0.3389**.

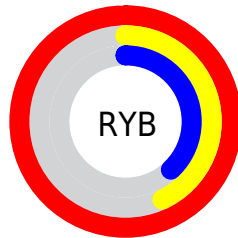
Distribution



Red (99%)

Green (42%)

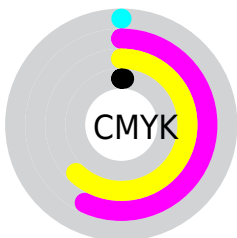
Blue (38%)



Red (99%)

Yellow (43%)

Blue (38%)

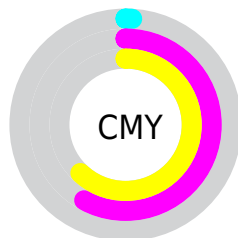


Cyan (0%)

Magenta (57%)

Yellow (62%)

Black (1%)



Cyan (1%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4708, 0.5027, 0.3399 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 32.4708, 0.5027, 0.3399 by changing the saturation by 10% instead.

 32.4708, 0.5027,
0.3399


 32.4708, 0.5027,
0.3399


313.2583, 0.4025,
0.3413


 21.7214, 0.5282,
0.3369


 63.5484, 0.4656,
0.3423

 13.6523, 0.5606,
0.3313

 84.6454, 0.4519,
0.3426

 7.8792, 0.6025,
0.3210


 109.9603, 0.4403,
0.3426

 4.0178, 0.6608,
0.3032

 139.8776, 0.4304,
0.3425

 1.6835, 0.7337,
0.2663

174.7817, 0.4220,
0.3422

 0.4129, 0.8336,
0.1664

215.0569, 0.4146,

 0.0000, 1.0000,

0.3419

0.0000

261.0877, 0.4082,
0.3416

■ 0.0000, 0.0000,
0.0000

■ 32.4708, 0.5027,
0.3399

■ 32.4708, 0.5027,
0.3399

■ 27.7650, 0.5492,
0.3398

■ 38.6668, 0.4577,
0.3389

■ 24.4191, 0.5912,
0.3383

■ 46.4584, 0.4177,
0.3372


■ 22.2894, 0.6218,
0.3355

■ 55.9476, 0.3838,
0.3352

■ 21.3105, 0.6363,
0.3330

■ 67.2265, 0.3561,
0.3332

■ 80.3805, 0.3335,
0.3312

 95.4896, 0.3154,
0.3293

99.6200, 0.3115,
0.3290

Harmonies

Analogous

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



32.4708, 0.4384, 0.2757



32.4708, 0.5027, 0.3399



32.4708, 0.5008, 0.4092

Triad

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



32.4708, 0.5027, 0.3399



32.4708, 0.2671, 0.4831



32.4708, 0.1791, 0.1848

Complementary

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



32.4708, 0.5027, 0.3399



73.0901, 0.2348, 0.3155

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.



32.4708, 0.1504, 0.2086



32.4708, 0.5027, 0.3399



32.4708, 0.1924, 0.3769

Square

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



32.4708, 0.5027, 0.3399



32.4708, 0.3593, 0.5172



32.4708, 0.1537, 0.2716



32.4708, 0.2413, 0.1912

Rectangle

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



32.4708, 0.5027, 0.3399



32.4708, 0.4678, 0.4556



32.4708, 0.1537, 0.2716



32.4708, 0.1659, 0.1890

Sweetspot

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



32.4726, 0.5027, 0.3399



71.8286, 0.3496, 0.3326



35.8686, 0.3292, 0.1940



14.5988, 0.3565, 0.3332



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.



32.4726, 0.5027, 0.3399



27.3471, 0.5598, 0.3396



56.5979, 0.4427, 0.4170



18.1937, 0.3293, 0.3307



11.4111, 0.6351, 0.3340



1.1797, 0.6239, 0.3428

Inverse Universe

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



73.0901, 0.2348, 0.3155



71.6686, 0.2266, 0.3125



36.3869, 0.2114, 0.2135



20.2479, 0.2980, 0.3273



35.4910, 0.2185, 0.3067



3.5190, 0.2193, 0.3094

Previews

White Background



This preview shows how the Yxy color 32.4708, 0.5027, 0.3399 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 32.4708, 0.5027, 0.3399 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 32.4708, 0.5027, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 32.4708, 0.5027, 0.3399.



This preview shows how white text looks on a background with the Yxy color 32.4708, 0.5027, 0.3399.

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

32.4708, 0.5027, 0.3399

Protanopia

32.8106, 0.3615, 0.3876

Deuteranopia

32.6094, 0.4147, 0.4076



Tritanopia

32.5712, 0.4857, 0.3228

Trichromacy



Original Color

32.4708, 0.5027, 0.3399

Protanomaly

31.2869, 0.4130, 0.3677

Deuteranomaly

31.5624, 0.4490, 0.3778

Tritanomaly

32.6478, 0.4924, 0.3295

Monochromacy



Original Color

32.4708, 0.5027, 0.3399

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.5314, 0.3770, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4708, 0.5027, 0.3399 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(253, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(253, 108, 97)  
}
```

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(253, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 108, 97) }
```

Border

The CSS property to change the border of an element to Yxy 32.4708, 0.5027, 0.3399 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(253, 108, 97) }
```

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

```
.border{ border-color:rgb(253, 108, 97) }
```

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

Here you see how a box with a 4 pixel rgb(253, 108, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(253, 108,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4708, 0.5027, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 108, 97) }
```

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

```
.background{ background-color: rgb(253,  
108, 97) }
```

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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