

Converting Colors

$Y_{xy}(32.8505, 0.4968, 0.3329)$

Have a look what the booklet for
Yxy(32.8505, 0.4968, 0.3329)
contains.

Yxy(32.7749, 0.4969, 0.3324)	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(32.7749, 0.4969, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FF6B68
RGB	255, 107, 104
RGB Percent	100%, 42%, 41%
CMY	0.0000, 0.5803, 0.5923
CMYK	0.00, 0.58, 0.59, 0.00
HSL	1°, 100%, 70%
HSV	1°, 59%, 100%
XYZ	48.9947, 32.7749, 16.8312
YIQ	150.9100, 89.1710, 30.4430

Conversions

Conversions Part 2

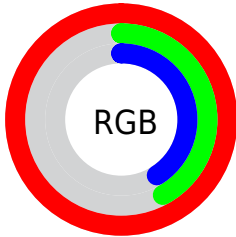
Format	Color
R _Y B	255, 107, 104
Decimal	16739176
CIE Lab	63.98, 56.17, 30.56
CIE LCh	64, 63.944, 28.546
Yxy	32.7749, 0.4969, 0.3324
Android (android.graphics.Color)	4294929256 (0xFFFF6B68)
YUV	150.9100, -23.1266, 91.2869
Hunter-Lab	57.2494, 52.5762, 22.6435

Details

The Yxy color **32.7749, 0.4969, 0.3324** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **79.7507, 0.2388, 0.3252**, and the grayscale version is **30.9801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8209, 0.4084, 0.3377**, and **13.7831, 0.5533, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **27.8553, 0.5449, 0.3325**, and if you desaturate by 10%, it is **39.3593, 0.4511, 0.3320**.

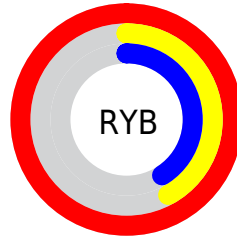
Distribution



Red (100%)

Green (42%)

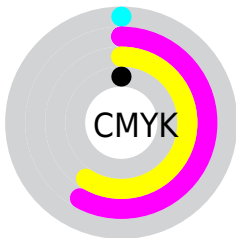
Blue (41%)



Red (100%)

Yellow (42%)

Blue (41%)

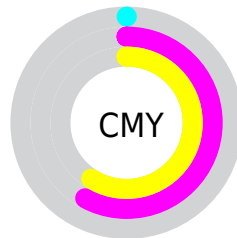


Cyan (0%)

Magenta (58%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7749, 0.4969, 0.3324 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 32.7749, 0.4969, 0.3324 by changing the saturation by 10% instead.


 32.7749, 0.4969,
0.3324


 32.7749, 0.4969,
0.3324


314.6342, 0.3996,
0.3368

 21.9541, 0.5219,
0.3290


 64.0239, 0.4608,
0.3357


 13.8231, 0.5539,
0.3231


 85.2209, 0.4474,
0.3364

 7.9978, 0.5957,
0.3128


 110.6454, 0.4362,
0.3368

 4.0935, 0.6517,
0.2941

 140.6818, 0.4266,
0.3370

 1.7260, 0.7373,
0.2627

175.7145, 0.4184,
0.3371

 0.4404, 0.8326,
0.1674

216.1278, 0.4113,

 0.0000, 1.0000,

0.3370


0.0000


262.3063, 0.4051,
0.3370


 0.0000, 0.0000,
0.0000


 32.7749, 0.4969,
0.3324


 32.7749, 0.4969,
0.3324


 27.8553, 0.5449,
0.3325


 39.3593, 0.4511,
0.3320


 24.4470, 0.5890,
0.3322


 47.7336, 0.4111,
0.3314

 22.3772, 0.6215,
0.3315

 58.0173, 0.3777,
0.3308

 21.4176, 0.6382,
0.3307

 70.3179, 0.3506,
0.3301

 21.3714, 0.6391,
0.3307

 84.7349, 0.3289,
0.3295

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



32.7749, 0.4266, 0.2695



32.7749, 0.4969, 0.3324



32.7749, 0.5027, 0.4009

Triad

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



32.7749, 0.4969, 0.3324



32.7749, 0.2777, 0.4899



32.7749, 0.1751, 0.1869

Complementary

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



32.7749, 0.4969, 0.3324



79.7507, 0.2388, 0.3252

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.



32.7749, 0.1503, 0.2146



32.7749, 0.4969, 0.3324



32.7749, 0.2003, 0.3899

Square

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



32.7749, 0.4969, 0.3324



32.7749, 0.3697, 0.5138



32.7749, 0.1574, 0.2823



32.7749, 0.2331, 0.1901

Rectangle

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



32.7749, 0.4969, 0.3324



32.7749, 0.4738, 0.4472



32.7749, 0.1574, 0.2823



32.7749, 0.1633, 0.1923

Sweetspot

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



32.7767, 0.4969, 0.3324



71.9746, 0.3477, 0.3300



38.2123, 0.3215, 0.1925



14.5774, 0.3547, 0.3302



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.



32.7767, 0.4969, 0.3324



27.1464, 0.5533, 0.3325



55.7141, 0.4419, 0.4072



18.0457, 0.3294, 0.3295



11.1926, 0.6387, 0.3311



1.1096, 0.6353, 0.3338

Inverse Universe

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



79.7507, 0.2388, 0.3252



77.8848, 0.2311, 0.3244



41.5913, 0.2173, 0.2290



20.4148, 0.2980, 0.3285



39.4791, 0.2230, 0.3226



3.8632, 0.2232, 0.3233

Previews

White Background



This preview shows how the Yxy color 32.7749, 0.4969, 0.3324 looks on a white background.

Color Contrast Check

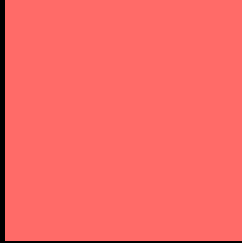
Large Text (above 18pt) WCAG AA × Fail

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 32.7749, 0.4969, 0.3324 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 32.7749, 0.4969, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 32.7749, 0.4969, 0.3324.



This preview shows how white text looks on a background with the Yxy color 32.7749, 0.4969, 0.3324.

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

32.7749, 0.4969, 0.3324

Protanopia

32.9227, 0.3516, 0.3742

Deuteranopia

32.7342, 0.4080, 0.3988



Tritanopia

32.7603, 0.4866, 0.3228

Trichromacy



Original Color

32.7749, 0.4969, 0.3324

Protanomaly

31.4671, 0.4040, 0.3572

Deuteranomaly

31.6922, 0.4415, 0.3698

Tritanomaly

32.6939, 0.4903, 0.3257

Monochromacy



Original Color

32.7749, 0.4969, 0.3324

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8680, 0.3758, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7749, 0.4969, 0.3324 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, 107, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 104)  
}
```

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, 107, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 104) }
```

Border

The CSS property to change the border of an element to Yxy 32.7749, 0.4969, 0.3324 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, 107, 104) }
```

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

```
.border{ border-color:rgb(255, 107, 104) }
```

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

Here you see how a box with a 4 pixel rgb(255, 107, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7749, 0.4969, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 104) }
```

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

```
.background{ background-color: rgb(255,  
107, 104) }
```

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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