

Converting Colors

$Y_{xy}(31.9995, 0.4923, 0.3224)$

Have a look what the booklet for
Yxy(31.9995, 0.4923, 0.3224)
contains.

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Color

Yxy(32.0863, 0.4922, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	FF676E
RGB	255, 103, 110
RGB Percent	100%, 40%, 43%
CMY	0.0000, 0.5961, 0.5685
CMYK	0.00, 0.60, 0.57, 0.00
HSL	357°, 100%, 70%
HSV	357°, 60%, 100%
XYZ	48.9095, 32.0863, 18.3734
YIQ	149.2460, 88.3450, 34.4010

Conversions

Conversions Part 2

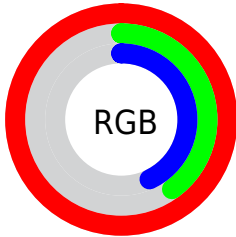
Format	Color
R_{YB}	255, 103, 110
Decimal	16738158
CIE _{Lab}	63.41, 58.37, 26.40
CIE _{LCh}	63, 64.062, 24.338
Yxy	32.0863, 0.4922, 0.3229
Android (android.graphics.Color)	4294928238 (0xFFFF676E)
YUV	149.2460, -19.3483, 92.7463
Hunter-Lab	56.6448, 54.9961, 20.4200

Details

The Yxy color **32.0863, 0.4922, 0.3229** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.1787, 0.2420, 0.3370**, and the grayscale version is **30.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6649, 0.4031, 0.3261**, and **13.3667, 0.5481, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **27.3042, 0.5395, 0.3231**, and if you desaturate by 10%, it is **38.5583, 0.4475, 0.3234**.

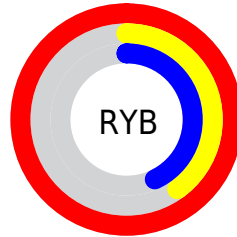
Distribution



Red (100%)

Green (40%)

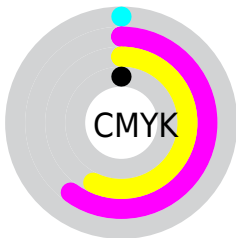
Blue (43%)



Red (100%)

Yellow (40%)

Blue (43%)

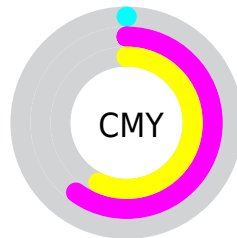


Cyan (0%)

Magenta (60%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (60%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0863, 0.4922, 0.3229 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 32.0863, 0.4922, 0.3229 by changing the saturation by 10% instead.


 32.0863, 0.4922,
0.3229


 32.0863, 0.4922,
0.3229


311.5122, 0.3968,
0.3315


 21.4274, 0.5170,
0.3187


 62.9464, 0.4566,
0.3275


 13.4368, 0.5491,
0.3120


 83.9163, 0.4435,
0.3288

 7.7300, 0.5914,
0.3009


 109.0921, 0.4325,
0.3297

 3.9227, 0.6486,
0.2814

 138.8581, 0.4232,
0.3303

 1.6304, 0.7475,
0.2525

173.5987, 0.4152,
0.3308

 0.3780, 0.8522,
0.1478

213.6984, 0.4083,

 0.0000, 1.0000,

0.3311

0.0000

259.5414, 0.4022,
0.3313

0.0000, 0.0000,
0.0000

32.0863, 0.4922,
0.3229

32.0863, 0.4922,
0.3229

27.3042, 0.5395,
0.3231

38.5583, 0.4475,
0.3234

24.0564, 0.5838,
0.3242

46.8607, 0.4086,
0.3244

22.1548, 0.6176,
0.3261

57.1167, 0.3762,
0.3255

21.3100, 0.6363,
0.3282

69.4396, 0.3499,
0.3267

21.2860, 0.6368,
0.3282

83.9338, 0.3289,
0.3279

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



32.0863, 0.4139, 0.2609



32.0863, 0.4922, 0.3229



32.0863, 0.5073, 0.3912

Triad

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



32.0863, 0.4922, 0.3229



32.0863, 0.2900, 0.5004



32.0863, 0.1687, 0.1877

Complementary

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



32.0863, 0.4922, 0.3229



81.1787, 0.2420, 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.



32.0863, 0.1482, 0.2205



32.0863, 0.4922, 0.3229



32.0863, 0.2085, 0.4070

Square

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



32.0863, 0.4922, 0.3229



32.0863, 0.3826, 0.5121



32.0863, 0.1600, 0.2950



32.0863, 0.2221, 0.1870

Rectangle

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



32.0863, 0.4922, 0.3229



32.0863, 0.4828, 0.4381



32.0863, 0.1600, 0.2950



32.0863, 0.1584, 0.1947

Sweetspot

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



32.0855, 0.4922, 0.3229



71.6243, 0.3462, 0.3269



36.7661, 0.3122, 0.1870



14.4943, 0.3530, 0.3266



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.



32.0855, 0.4922, 0.3229



26.3951, 0.5507, 0.3233



51.5150, 0.4503, 0.3977



18.0007, 0.3287, 0.3279



11.1282, 0.6354, 0.3274



1.0881, 0.6245, 0.3214

Inverse Universe

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



32.0855, 0.4922, 0.3229



26.3951, 0.5507, 0.3233



45.4731, 0.2198, 0.2419



18.0007, 0.3287, 0.3279



11.1282, 0.6354, 0.3274



1.0881, 0.6245, 0.3214

Previews

White Background



This preview shows how the Yxy color 32.0863, 0.4922, 0.3229 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 32.0863, 0.4922, 0.3229 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 32.0863, 0.4922, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 32.0863, 0.4922, 0.3229.



This preview shows how white text looks on a background with the Yxy color 32.0863, 0.4922, 0.3229.

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

32.0863, 0.4922, 0.3229

Protanopia

32.0530, 0.3401, 0.3595

Deuteranopia

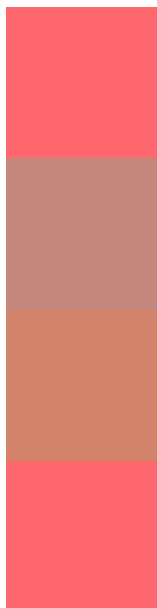
32.0371, 0.3983, 0.3908



Tritanopia

32.0863, 0.4922, 0.3229

Trichromacy



Original Color

32.0863, 0.4922, 0.3229

Protanomaly

30.4107, 0.3931, 0.3428

Deuteranomaly

30.9748, 0.4341, 0.3605

Tritanomaly

32.0863, 0.4922, 0.3229

Monochromacy



Original Color

32.0863, 0.4922, 0.3229

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9432, 0.3746, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0863, 0.4922, 0.3229 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, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 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, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.0863, 0.4922, 0.3229 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, 103, 110) }
```

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

```
.border{ border-color:rgb(255, 103, 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, 103, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
110) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.0863, 0.4922, 0.3229$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 110) }
```

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

```
.background{ background-color: rgb(255,  
103, 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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