

Converting Colors

Yxy(34.2832, 0.4820, 0.3156)

Have a look what the booklet for
Yxy(34.2832, 0.4820, 0.3156)
contains.

Yxy(32.9485, 0.4765, 0.3149)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.9485, 0.4765, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A79
RGB	255, 106, 121
RGB Percent	100%, 42%, 47%
CMY	0.0000, 0.5844, 0.5254
CMYK	0.00, 0.58, 0.53, 0.00
HSL	354°, 100%, 71%
HSV	354°, 58%, 100%
XYZ	49.8570, 32.9485, 21.8262
YIQ	152.2610, 83.9890, 36.2530

Conversions

Conversions Part 2

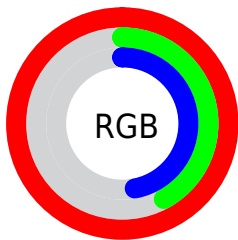
Format	Color
R_{YB}	255, 106, 121
Decimal	16738937
CIE Lab	64.12, 57.90, 21.09
CIE LCh	64, 61.621, 20.011
Yxy	32.9485, 0.4765, 0.3149
Android (android.graphics.Color)	4294929017 (0xFFFF6A79)
YUV	152.2610, -15.4117, 90.1021
Hunter-Lab	57.4008, 54.5895, 17.6360

Details

The Yxy color **32.9485, 0.4765, 0.3149** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.8708, 0.2462, 0.3467**, and the grayscale version is **31.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1178, 0.3911, 0.3176**, and **13.9324, 0.5284, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **27.9499, 0.5218, 0.3146**, and if you desaturate by 10%, it is **39.6309, 0.4348, 0.3165**.

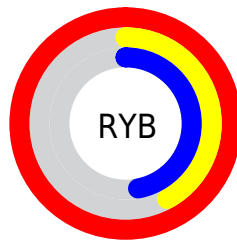
Distribution



Red (100%)

Green (42%)

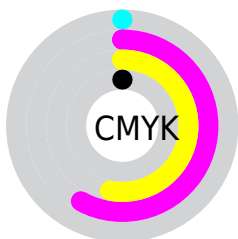
Blue (47%)



Red (100%)

Yellow (42%)

Blue (47%)

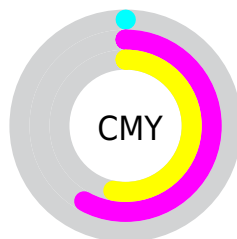


Cyan (0%)

Magenta (58%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9485, 0.4765, 0.3149 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 32.9485, 0.4765, 0.3149 by changing the saturation by 10% instead.


 32.9485, 0.4765,
0.3149


 32.9485, 0.4765,
0.3149


315.4176, 0.3896,
0.3263


 22.0870, 0.4993,
0.3105


 64.2951, 0.4440,
0.3202

 13.9208, 0.5289,
0.3039


 85.5490, 0.4320,
0.3218

 8.0656, 0.5686,
0.2934


 111.0358, 0.4220,
0.3231

 4.1370, 0.6234,
0.2758

 141.1400, 0.4136,
0.3240

 1.7505, 0.7177,
0.2498

176.2458, 0.4063,
0.3248

 0.4560, 0.8345,
0.1655

216.7378, 0.4000,


 0.0000, 1.0000,


0.3254


0.0000


263.0003, 0.3945,
0.3259


 0.0000, 0.0000,
0.0000

 32.9485, 0.4765,
0.3149


 32.9485, 0.4765,
0.3149

 27.9499, 0.5218,
0.3146

 39.6309, 0.4348,
0.3165


 24.4998, 0.5663,
0.3162

 48.1489, 0.3990,
0.3188

 22.4120, 0.6036,
0.3197

 58.6173, 0.3693,
0.3215

 21.4365, 0.6282,
0.3244

 71.1469, 0.3453,
0.3243

 21.3334, 0.6309,
0.3249

 85.8397, 0.3260,
0.3269

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.



32.9485, 0.3954, 0.2560



32.9485, 0.4765, 0.3149



32.9485, 0.5011, 0.3807

Triad

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



32.9485, 0.4765, 0.3149



32.9485, 0.3047, 0.4983



32.9485, 0.1692, 0.1956

Complementary

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



32.9485, 0.4765, 0.3149



80.8708, 0.2462, 0.3467

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.



32.9485, 0.1537, 0.2331



32.9485, 0.4765, 0.3149



32.9485, 0.2230, 0.4189

Square

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



32.9485, 0.4765, 0.3149



32.9485, 0.3934, 0.5000



32.9485, 0.1704, 0.3110



32.9485, 0.2164, 0.1906

Rectangle

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



32.9485, 0.4765, 0.3149



32.9485, 0.4834, 0.4258



32.9485, 0.1704, 0.3110



32.9485, 0.1606, 0.2041

Sweetspot

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



32.9427, 0.4765, 0.3149



71.7515, 0.3443, 0.3244



35.6321, 0.3032, 0.1852



14.5246, 0.3508, 0.3236



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.



32.9427, 0.4765, 0.3149



27.3156, 0.5289, 0.3148



48.5292, 0.4539, 0.3868



18.0169, 0.3278, 0.3266



11.1569, 0.6287, 0.3237



1.0957, 0.6073, 0.3119

Inverse Universe

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



32.9427, 0.4765, 0.3149



27.3156, 0.5289, 0.3148



50.6119, 0.2243, 0.2572



18.0169, 0.3278, 0.3266



11.1569, 0.6287, 0.3237



1.0957, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 32.9485, 0.4765, 0.3149 looks on a white background.

Color Contrast Check

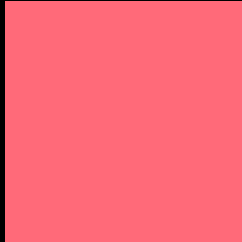
Large Text (above 18pt) WCAG AA × Fail

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 32.9485, 0.4765, 0.3149 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 32.9485, 0.4765, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 32.9485, 0.4765, 0.3149.



This preview shows how white text looks on a background with the Yxy color 32.9485, 0.4765, 0.3149.

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

32.9485, 0.4765, 0.3149

Protanopia

33.0641, 0.3281, 0.3441

Deuteranopia

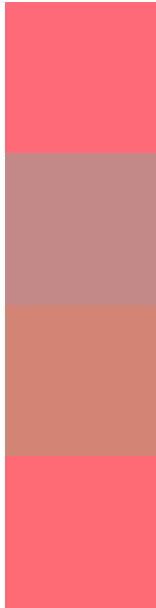
32.9001, 0.3859, 0.3784



Tritanopia

32.9903, 0.4847, 0.3228

Trichromacy



Original Color

32.9485, 0.4765, 0.3149

Protanomaly

31.2710, 0.3794, 0.3306

Deuteranomaly

31.7611, 0.4201, 0.3495

Tritanomaly

33.0597, 0.4809, 0.3199

Monochromacy



Original Color

32.9485, 0.4765, 0.3149

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.0699, 0.3677, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9485, 0.4765, 0.3149 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, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 121)  
}
```

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, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 121) }
```

Border

The CSS property to change the border of an element to Yxy 32.9485, 0.4765, 0.3149 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, 106, 121) }
```

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

```
.border{ border-color:rgb(255, 106, 121) }
```

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

Here you see how a box with a 4 pixel rgb(255, 106, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9485, 0.4765, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 121) }
```

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

```
.background{ background-color: rgb(255,  
106, 121) }
```

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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