

Converting Colors

$Y_{xy}(32.6058, 0.4793, 0.3151)$

Have a look what the booklet for
Yxy(32.6058, 0.4793, 0.3151)
contains.

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Color

Yxy(32.6951, 0.4796, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	FF6977
RGB	255, 105, 119
RGB Percent	100%, 41%, 47%
CMY	0.0000, 0.5882, 0.5333
CMYK	0.00, 0.59, 0.53, 0.00
HSL	354°, 100%, 71%
HSV	354°, 59%, 100%
XYZ	49.6221, 32.6951, 21.1483
YIQ	151.4460, 84.9060, 36.1540

Conversions

Conversions Part 2

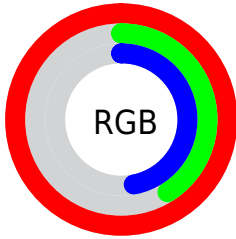
Format	Color
R _Y B	255, 105, 119
Decimal	16738679
CIE Lab	63.91, 58.15, 21.96
CIE LCh	64, 62.161, 20.684
Yxy	32.6951, 0.4796, 0.3160
Android (android.graphics.Color)	4294928759 (0xFFFF6977)
YUV	151.4460, -15.9959, 90.8169
Hunter-Lab	57.1796, 54.8429, 18.0969

Details

The Yxy color **32.6951, 0.4796, 0.3160** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.8749, 0.2454, 0.3454**, and the grayscale version is **31.1924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6900, 0.3934, 0.3187**, and **13.8254, 0.5327, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **27.7677, 0.5253, 0.3159**, and if you desaturate by 10%, it is **39.3171, 0.4374, 0.3174**.

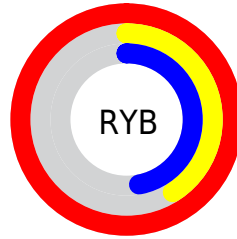
Distribution



Red (100%)

Green (41%)

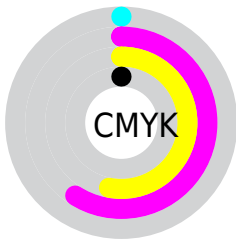
Blue (47%)



Red (100%)

Yellow (41%)

Blue (47%)

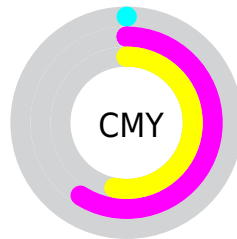


Cyan (0%)

Magenta (59%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6951, 0.4796, 0.3160 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 32.6951, 0.4796, 0.3160 by changing the saturation by 10% instead.

 32.6951, 0.4796,
0.3160


 32.6951, 0.4796,
0.3160

314.2736, 0.3910,
0.3271


 21.8930, 0.5028,
0.3116


 63.8992, 0.4464,
0.3212


 13.7783, 0.5330,
0.3049


 85.0700, 0.4343,
0.3228

 7.9666, 0.5733,
0.2943

 110.4658, 0.4241,
0.3240

 4.0736, 0.6289,
0.2762

 140.4710, 0.4154,
0.3249

 1.7148, 0.7284,
0.2508

175.4699, 0.4080,
0.3257

 0.4332, 0.8397,
0.1603

215.8471, 0.4016,


 0.0000, 1.0000,


0.3263

0.0000


261.9869, 0.3959,
0.3267


 0.0000, 0.0000,
0.0000

 32.6951, 0.4796,
0.3160


 32.6951, 0.4796,
0.3160


 27.7677, 0.5253,
0.3159


 39.3171, 0.4374,
0.3174


 24.3768, 0.5698,
0.3174


 47.7647, 0.4010,
0.3195


 22.3419, 0.6065,
0.3208

 58.1609, 0.3708,
0.3220

 21.4022, 0.6300,
0.3252

 70.6165, 0.3464,
0.3245

 21.3251, 0.6320,
0.3255

 85.2344, 0.3268,
0.3270

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.



32.6951, 0.3985, 0.2565



32.6951, 0.4796, 0.3160



32.6951, 0.5028, 0.3823

Triad

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



32.6951, 0.4796, 0.3160



32.6951, 0.3024, 0.4995



32.6951, 0.1686, 0.1939

Complementary

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



32.6951, 0.4796, 0.3160



80.8749, 0.2454, 0.3454

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.



32.6951, 0.1524, 0.2308



32.6951, 0.4796, 0.3160



32.6951, 0.2204, 0.4175

Square

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



32.6951, 0.4796, 0.3160



32.6951, 0.3919, 0.5025



32.6951, 0.1683, 0.3084



32.6951, 0.2169, 0.1896

Rectangle

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



32.6951, 0.4796, 0.3160



32.6951, 0.4839, 0.4279



32.6951, 0.1683, 0.3084



32.6951, 0.1598, 0.2022

Sweetspot

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



32.6965, 0.4796, 0.3160



71.7336, 0.3446, 0.3247



35.8500, 0.3054, 0.1855



14.5203, 0.3511, 0.3240



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.



32.6965, 0.4796, 0.3160



26.9035, 0.5353, 0.3161



49.1918, 0.4533, 0.3895



18.0146, 0.3280, 0.3268



11.1520, 0.6298, 0.3243



1.0947, 0.6096, 0.3132

Inverse Universe

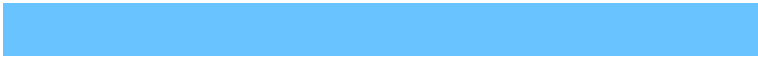
The Inverse Universe completely reimagines the original color for something new.



32.6965, 0.4796, 0.3160



26.9035, 0.5353, 0.3161



49.2551, 0.2231, 0.2533



18.0146, 0.3280, 0.3268



11.1520, 0.6298, 0.3243



1.0947, 0.6096, 0.3132

Previews

White Background



This preview shows how the Yxy color 32.6951, 0.4796, 0.3160 looks on a white background.

Color Contrast Check

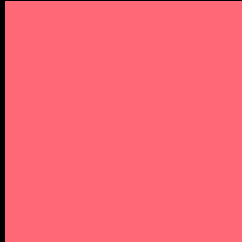
Large Text (above 18pt) WCAG AA × Fail

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 32.6951, 0.4796, 0.3160 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 32.6951, 0.4796, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 32.6951, 0.4796, 0.3160.

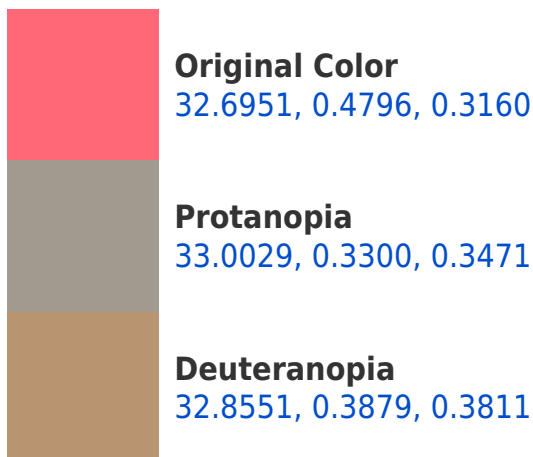


This preview shows how white text looks on a background with the Yxy color 32.6951, 0.4796, 0.3160.

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

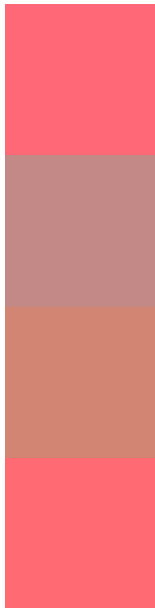




Tritanopia

32.7603, 0.4866, 0.3228

Trichromacy



Original Color

32.6951, 0.4796, 0.3160

Protanomaly

31.2147, 0.3817, 0.3333

Deuteranomaly

31.7145, 0.4224, 0.3520

Tritanomaly

32.8059, 0.4841, 0.3209

Monochromacy



Original Color

32.6951, 0.4796, 0.3160

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.7331, 0.3703, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6951, 0.4796, 0.3160 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, 105, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 119)  
}
```

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, 105, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 119) }
```

Border

The CSS property to change the border of an element to Yxy 32.6951, 0.4796, 0.3160 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, 105, 119) }
```

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

```
.border{ border-color:rgb(255, 105, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6951, 0.4796, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 119) }
```

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

```
.background{ background-color: rgb(255,  
105, 119) }
```

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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