

Converting Colors

$Y_{xy}(34.4589, 0.4850, 0.3139)$

Have a look what the booklet for
Yxy(34.4589, 0.4850, 0.3139)
contains.

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Color

Yxy(32.5411, 0.4776, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	FF6879
RGB	255, 104, 121
RGB Percent	100%, 41%, 47%
CMY	0.0001, 0.5921, 0.5255
CMYK	0.00, 0.59, 0.53, 0.00
HSL	353°, 100%, 70%
HSV	353°, 59%, 100%
XYZ	49.6379, 32.5411, 21.7530
YIQ	151.0870, 84.5390, 37.2990

Conversions

Conversions Part 2

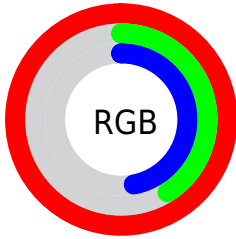
Format	Color
R_{YB}	255, 104, 121
Decimal	16738425
CIE Lab	63.79, 58.74, 20.65
CIE LCh	64, 62.261, 19.366
Yxy	32.5411, 0.4776, 0.3131
Android (android.graphics.Color)	4294928505 (0xFFFF6879)
YUV	151.0870, -14.8329, 91.1317
Hunter-Lab	57.0448, 55.4945, 17.3222

Details

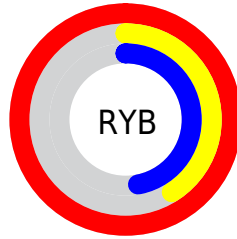
The Yxy color **32.5411, 0.4776, 0.3131** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.6297, 0.2463, 0.3491**, and the grayscale version is **31.0273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4187, 0.3918, 0.3155**, and **13.6953, 0.5304, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **27.6697, 0.5226, 0.3129**, and if you desaturate by 10%, it is **39.0977, 0.4361, 0.3148**.

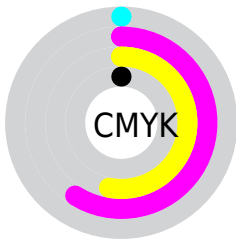
Distribution



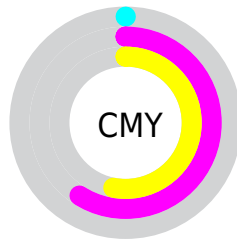
- Red (100%)
- Green (41%)
- Blue (47%)



- 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 32.5411, 0.4776, 0.3131 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 32.5411, 0.4776, 0.3131 by changing the saturation by 10% instead.


 32.5411, 0.4776,
0.3131


 32.5411, 0.4776,
0.3131


313.5768, 0.3900,
0.3255


 21.7751, 0.5006,
0.3084


 63.6584, 0.4448,
0.3187

 13.6918, 0.5306,
0.3015


 84.7785, 0.4327,
0.3205

 7.9066, 0.5708,
0.2906


 110.1188, 0.4226,
0.3219

 4.0352, 0.6264,
0.2724

 140.0637, 0.4141,
0.3229

 1.6933, 0.7227,
0.2456

174.9976, 0.4068,
0.3238

 0.4193, 0.8442,
0.1558

215.3048, 0.4004,


 0.0000, 1.0000,


0.3244

0.0000

261.3697, 0.3949,
0.3250


 0.0000, 0.0000,
0.0000


 32.5411, 0.4776,
0.3131


 32.5411, 0.4776,
0.3131

 27.6697, 0.5226,
0.3129

 39.0977, 0.4361,
0.3148


 24.3240, 0.5667,
0.3147

 47.4692, 0.4003,
0.3174

 22.3237, 0.6035,
0.3186

 57.7788, 0.3706,
0.3204

 21.3977, 0.6278,
0.3237

 70.1373, 0.3465,
0.3235

 21.3446, 0.6293,
0.3240

 84.6474, 0.3271,
0.3264

99.9975, 0.3127,
0.3290

Harmonies

Analogous

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



32.5411, 0.3944, 0.2539



32.5411, 0.4776, 0.3131



32.5411, 0.5037, 0.3794

Triad

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



32.5411, 0.4776, 0.3131



32.5411, 0.3063, 0.5020



32.5411, 0.1669, 0.1945

Complementary

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



32.5411, 0.4776, 0.3131



80.6297, 0.2463, 0.3491

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.



32.5411, 0.1520, 0.2330



32.5411, 0.4776, 0.3131



32.5411, 0.2232, 0.4226

Square

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



32.5411, 0.4776, 0.3131



32.5411, 0.3958, 0.5015



32.5411, 0.1694, 0.3127



32.5411, 0.2138, 0.1888

Rectangle

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



32.5411, 0.4776, 0.3131



32.5411, 0.4863, 0.4250



32.5411, 0.1694, 0.3127



32.5411, 0.1585, 0.2032

Sweetspot

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



32.5429, 0.4776, 0.3131



71.7784, 0.3440, 0.3238



35.1931, 0.3030, 0.1837



14.5310, 0.3503, 0.3230



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.



32.5429, 0.4776, 0.3131



26.9646, 0.5307, 0.3130



48.0599, 0.4564, 0.3873



18.0203, 0.3277, 0.3264



11.1648, 0.6268, 0.3227



1.0973, 0.6038, 0.3100

Inverse Universe

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



32.5429, 0.4776, 0.3131



26.9646, 0.5307, 0.3130



50.1491, 0.2234, 0.2560



18.0203, 0.3277, 0.3264



11.1648, 0.6268, 0.3227



1.0973, 0.6038, 0.3100

Previews

White Background



This preview shows how the Yxy color 32.5411, 0.4776, 0.3131 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 32.5411, 0.4776, 0.3131 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 32.5411, 0.4776, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 32.5411, 0.4776, 0.3131.



This preview shows how white text looks on a background with the Yxy color 32.5411, 0.4776, 0.3131.

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

32.5411, 0.4776, 0.3131

Protanopia

32.6291, 0.3272, 0.3426

Deuteranopia

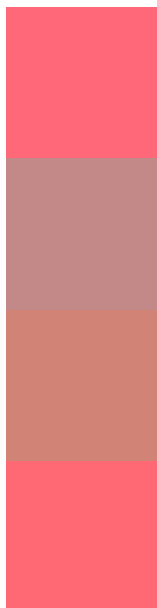
32.4620, 0.3853, 0.3772



Tritanopia

32.3438, 0.4876, 0.3228

Trichromacy



Original Color

32.5411, 0.4776, 0.3131

Protanomaly

30.9880, 0.3798, 0.3292

Deuteranomaly

31.3422, 0.4196, 0.3483

Tritanomaly

32.4118, 0.4838, 0.3199

Monochromacy



Original Color

32.5411, 0.4776, 0.3131

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.7625, 0.3692, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5411, 0.4776, 0.3131 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, 104, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 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, 104, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 121) }
```

Border

The CSS property to change the border of an element to Yxy 32.5411, 0.4776, 0.3131 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, 104, 121) }
```

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

```
.border{ border-color:rgb(255, 104, 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, 104, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5411, 0.4776, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 121) }
```

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

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