

Converting Colors

$Y_{xy}(34.4928, 0.4602, 0.3124)$

Have a look what the booklet for
Yxy(34.4928, 0.4602, 0.3124)
contains.

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Color

Yxy(34.4928, 0.4602, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FE7182
RGB	254, 113, 130
RGB Percent	100%, 44%, 51%
CMY	0.0039, 0.5569, 0.4901
CMYK	0.00, 0.56, 0.49, 0.00
HSL	353°, 99%, 72%
HSV	353°, 56%, 100%
XYZ	50.8117, 34.4928, 25.1078
YIQ	157.0970, 78.5790, 35.1790

Conversions

Conversions Part 2

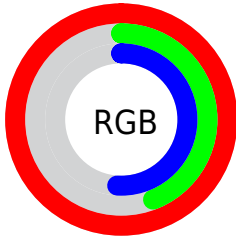
Format	Color
R _Y B	254, 113, 130
Decimal	16675202
CIE Lab	65.35, 55.15, 17.62
CIE LCh	65, 57.891, 17.718
Yxy	34.4928, 0.4602, 0.3124
Android (android.graphics.Color)	4294865282 (0xFFFE7182)
YUV	157.0970, -13.3588, 84.9839
Hunter-Lab	58.7306, 51.6538, 15.7645

Details

The Yxy color **34.4928, 0.4602, 0.3124** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **80.5140, 0.2494, 0.3491**, and the grayscale version is **33.7987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0548, 0.3792, 0.3145**, and **14.8578, 0.5076, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **29.0622, 0.5039, 0.3114**, and if you desaturate by 10%, it is **41.6428, 0.4211, 0.3147**.

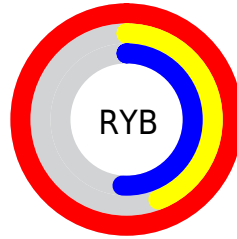
Distribution



Red (100%)

Green (44%)

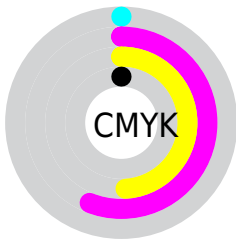
Blue (51%)



Red (100%)

Yellow (44%)

Blue (51%)

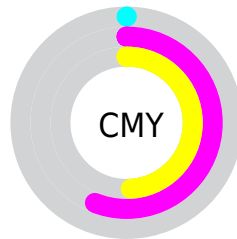


Cyan (0%)

Magenta (56%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4928, 0.4602, 0.3124 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 34.4928, 0.4602, 0.3124 by changing the saturation by 10% instead.

 34.4928, 0.4602,
0.3124


 34.4928, 0.4602,
0.3124


322.3239, 0.3824,
0.3241


 23.2724, 0.4806,
0.3083


 66.6993, 0.4311,
0.3175

 14.7948, 0.5072,
0.3023


 88.4542, 0.4204,
0.3192

 8.6755, 0.5429,
0.2931


 114.4894, 0.4115,
0.3205

 4.5301, 0.5930,
0.2779

145.1893, 0.4039,
0.3215

 1.9743, 0.6689,
0.2521

180.9383, 0.3974,
0.3224

 0.5925, 0.8036,
0.1964

222.1208, 0.3917,


 0.0000, 1.0000,


0.3231

0.0000


269.1212, 0.3868,
0.3237


 0.0000, 0.0000,
0.0000

 34.4928, 0.4602,
0.3124

 34.4928, 0.4602,
0.3124


 29.0622, 0.5039,
0.3114

 41.6428, 0.4211,
0.3147


 25.2008, 0.5487,
0.3124


 50.6347, 0.3879,
0.3177

 22.7423, 0.5890,
0.3157

 61.5863, 0.3607,
0.3210

 21.4792, 0.6187,
0.3210

 74.6039, 0.3386,
0.3243

 21.1700, 0.6279,
0.3233

 89.7863, 0.3209,
0.3274

99.8128, 0.3121,
0.3290

Harmonies

Analogous

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



34.4928, 0.3827, 0.2571



34.4928, 0.4602, 0.3124



34.4928, 0.4885, 0.3747

Triad

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



34.4928, 0.4602, 0.3124



34.4928, 0.3131, 0.4870



34.4928, 0.1756, 0.2056

Complementary

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



34.4928, 0.4602, 0.3124



80.5140, 0.2494, 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.



34.4928, 0.1633, 0.2445



34.4928, 0.4602, 0.3124



34.4928, 0.2349, 0.4189

Square

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



34.4928, 0.4602, 0.3124



34.4928, 0.3957, 0.4860



34.4928, 0.1822, 0.3203



34.4928, 0.2182, 0.1982

Rectangle

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



34.4928, 0.4602, 0.3124



34.4928, 0.4757, 0.4171



34.4928, 0.1822, 0.3203



34.4928, 0.1681, 0.2148

Sweetspot

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



34.4946, 0.4602, 0.3124



73.1759, 0.3416, 0.3238



36.6635, 0.3018, 0.1904



15.0748, 0.3458, 0.3231



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.



34.4946, 0.4602, 0.3124



28.6394, 0.5107, 0.3114



49.0677, 0.4459, 0.3821



18.0228, 0.3275, 0.3262



11.1711, 0.6254, 0.3219



1.0985, 0.6014, 0.3086

Inverse Universe

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



34.4946, 0.4602, 0.3124



28.6394, 0.5107, 0.3114



53.0513, 0.2288, 0.2645



18.0228, 0.3275, 0.3262



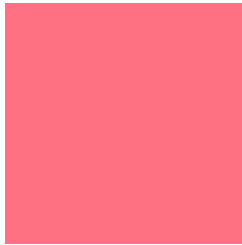
11.1711, 0.6254, 0.3219



1.0985, 0.6014, 0.3086

Previews

White Background



This preview shows how the Yxy color 34.4928, 0.4602, 0.3124 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 34.4928, 0.4602, 0.3124 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 34.4928, 0.4602, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 34.4928, 0.4602, 0.3124.



This preview shows how white text looks on a background with the Yxy color 34.4928, 0.4602, 0.3124.

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

34.4928, 0.4602, 0.3124

Protanopia

34.5402, 0.3222, 0.3364

Deuteranopia

34.6768, 0.3759, 0.3695



Tritanopia

34.3224, 0.4687, 0.3215

Trichromacy



Original Color

34.4928, 0.4602, 0.3124



Protanomaly

33.1261, 0.3686, 0.3252



Deuteranomaly

33.5322, 0.4079, 0.3444



Tritanomaly

34.3979, 0.4650, 0.3184

Monochromacy



Original Color

34.4928, 0.4602, 0.3124



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

32.3628, 0.3623, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4928, 0.4602, 0.3124 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(254, 113, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 113, 130)  
}
```

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(254, 113, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 113, 130) }
```

Border

The CSS property to change the border of an element to Yxy 34.4928, 0.4602, 0.3124 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(254, 113, 130) }
```

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

```
.border{ border-color:rgb(254, 113, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 113, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 113, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 113, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 113,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4928, 0.4602, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 113, 130) }
```

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

```
.background{ background-color: rgb(254,  
113, 130) }
```

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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