

Converting Colors

$Y_{xy}(34.8764, 0.4791, 0.3310)$

Have a look what the booklet for
Yxy(34.8764, 0.4791, 0.3310)
contains.

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Color

Yxy(34.9657, 0.4789, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF7472
RGB	255, 116, 114
RGB Percent	100%, 45%, 45%
CMY	0.0000, 0.5451, 0.5528
CMYK	0.00, 0.55, 0.55, 0.00
HSL	1°, 100%, 72%
HSV	1°, 55%, 100%
XYZ	50.5283, 34.9657, 20.0151
YIQ	157.3330, 83.4860, 28.8460

Conversions

Conversions Part 2

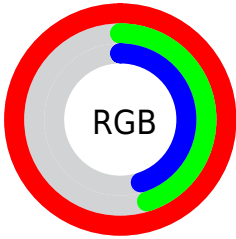
Format	Color
R_{YB}	255, 116, 114
Decimal	16741490
CIE _{Lab}	65.72, 52.79, 27.18
CIE _{LCh}	66, 59.381, 27.242
Yxy	34.9657, 0.4789, 0.3314
Android (android.graphics.Color)	4294931570 (0xFFFF7472)
YUV	157.3330, -21.3632, 85.6540
Hunter-Lab	59.1318, 49.0481, 21.3236

Details

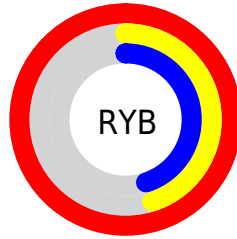
The Yxy color **34.9657, 0.4789, 0.3314** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.0755, 0.2422, 0.3265**, and the grayscale version is **33.9436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5182, 0.3942, 0.3356**, and **15.0683, 0.5303, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **29.4295, 0.5268, 0.3316**, and if you desaturate by 10%, it is **42.2303, 0.4349, 0.3310**.

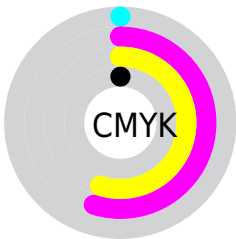
Distribution



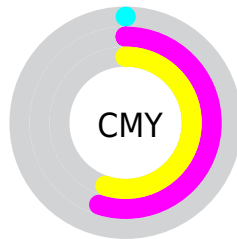
- Red (100%)
- Green (45%)
- Blue (45%)



- Red (100%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9657, 0.4789, 0.3314 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 34.9657, 0.4789, 0.3314 by changing the saturation by 10% instead.


 34.9657, 0.4789,
0.3314


 34.9657, 0.4789,
0.3314


324.4169, 0.3916,
0.3351

 23.6365, 0.5014,
0.3287


 67.4326, 0.4465,
0.3340


 15.0642, 0.5302,
0.3241


 89.3391, 0.4345,
0.3346

 8.8644, 0.5683,
0.3161


 115.5401, 0.4245,
0.3350

 4.6529, 0.6198,
0.3012

 146.4200, 0.4159,
0.3351

 2.0451, 0.7168,
0.2832

182.3633, 0.4086,
0.3352

 0.6335, 0.7903,
0.2097

223.7543, 0.4022,

 0.0000, 1.0000,

0.3352

0.0000

270.9773, 0.3966,
0.3352

■ 0.0000, 0.0000,
0.0000

■ 34.9657, 0.4789,
0.3314

■ 34.9657, 0.4789,
0.3314

■ 29.4295, 0.5268,
0.3316

■ 42.2303, 0.4349,
0.3310

■ 25.4809, 0.5734,
0.3316

■ 51.3535, 0.3973,
0.3306

■ 22.9523, 0.6112,
0.3312

■ 62.4502, 0.3664,
0.3301

■ 21.6400, 0.6337,
0.3306

■ 75.6263, 0.3415,
0.3296

■ 21.3370, 0.6394,
0.3305

■ 90.9806, 0.3216,
0.3292

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.



34.9657, 0.4128, 0.2723



34.9657, 0.4789, 0.3314



34.9657, 0.4885, 0.3956

Triad

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



34.9657, 0.4789, 0.3314



34.9657, 0.2859, 0.4758



34.9657, 0.1836, 0.1980

Complementary

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



34.9657, 0.4789, 0.3314



81.0755, 0.2422, 0.3265

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.



34.9657, 0.1614, 0.2263



34.9657, 0.4789, 0.3314



34.9657, 0.2127, 0.3890

Square

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



34.9657, 0.4789, 0.3314



34.9657, 0.3710, 0.4967



34.9657, 0.1701, 0.2913



34.9657, 0.2368, 0.1993

Rectangle

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



34.9657, 0.4789, 0.3314



34.9657, 0.4646, 0.4380



34.9657, 0.1701, 0.2913



34.9657, 0.1729, 0.2038

Sweetspot

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



34.9648, 0.4789, 0.3314



73.2092, 0.3454, 0.3297



40.5221, 0.3189, 0.1978



15.0824, 0.3501, 0.3298



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.



34.9648, 0.4789, 0.3314



29.0946, 0.5303, 0.3316



56.9716, 0.4327, 0.4007



18.0275, 0.3294, 0.3294



11.1665, 0.6391, 0.3307



1.1009, 0.6368, 0.3326

Inverse Universe

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



81.0755, 0.2422, 0.3265



79.2680, 0.2343, 0.3260



45.2956, 0.2239, 0.2401



20.4355, 0.2980, 0.3286



39.9921, 0.2235, 0.3245



3.9073, 0.2236, 0.3250

Previews

White Background



This preview shows how the Yxy color 34.9657, 0.4789, 0.3314 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 34.9657, 0.4789, 0.3314 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 34.9657, 0.4789, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 34.9657, 0.4789, 0.3314.



This preview shows how white text looks on a background with the Yxy color 34.9657, 0.4789, 0.3314.

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

34.9657, 0.4789, 0.3314

Protanopia

35.2979, 0.3457, 0.3671

Deuteranopia

35.0716, 0.3983, 0.3898



Tritanopia

34.9515, 0.4687, 0.3215

Trichromacy



Original Color

34.9657, 0.4789, 0.3314

Protanomaly

33.7582, 0.3919, 0.3517

Deuteranomaly

34.3290, 0.4287, 0.3660

Tritanomaly

34.8775, 0.4724, 0.3245

Monochromacy



Original Color

34.9657, 0.4789, 0.3314

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6065, 0.3697, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9657, 0.4789, 0.3314 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, 116, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 114)  
}
```

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, 116, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 114) }
```

Border

The CSS property to change the border of an element to Yxy 34.9657, 0.4789, 0.3314 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, 116, 114) }
```

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

```
.border{ border-color:rgb(255, 116, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9657, 0.4789, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 114) }
```

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

```
.background{ background-color: rgb(255,  
116, 114) }
```

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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