

Converting Colors

$Yxy(35.3966, 0.4397, 0.3251)$

Have a look what the booklet for
Yxy(35.3966, 0.4397, 0.3251)
contains.

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Color

Yxy(35.5182, 0.4389, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	F17F83
RGB	241, 127, 131
RGB Percent	95%, 50%, 51%
CMY	0.0548, 0.5020, 0.4862
CMYK	0.00, 0.47, 0.46, 0.05
HSL	358°, 80%, 72%
HSV	358°, 47%, 95%
XYZ	47.9660, 35.5182, 25.8026
YIQ	161.5420, 66.6600, 25.4120

Conversions

Conversions Part 2

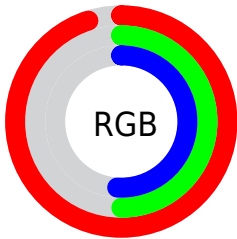
Format	Color
R _Y B	241, 127, 131
Decimal	15826819
CIE Lab	66.15, 43.98, 17.87
CIE LCh	66, 47.476, 22.115
Yxy	35.5182, 0.4389, 0.3250
Android (android.graphics.Color)	4294016899 (0xFFFF17F83)
YUV	161.5420, -15.0572, 69.6847
Hunter-Lab	59.5971, 39.3683, 16.0484

Details

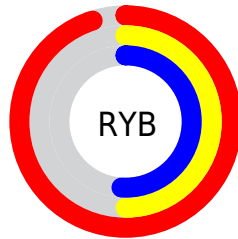
The Yxy color **35.5182, 0.4389, 0.3250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **73.5459, 0.2518, 0.3336**, and the grayscale version is **35.9550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1766, 0.3746, 0.3271**, and **15.3305, 0.4789, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **29.4604, 0.4827, 0.3246**, and if you desaturate by 10%, it is **43.2098, 0.4012, 0.3257**.

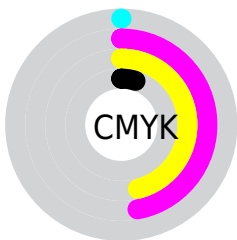
Distribution



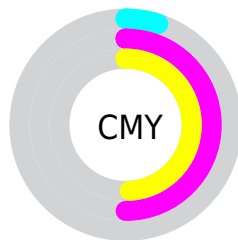
- Red (95%)
- Green (50%)
- Blue (51%)



- Red (95%)
- Yellow (50%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5182, 0.4389, 0.3250 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 35.5182, 0.4389, 0.3250 by changing the saturation by 10% instead.


 35.5182, 0.4389,
0.3250


 35.5182, 0.4389,
0.3250


326.8498, 0.3724,
0.3297

 24.0623, 0.4564,
0.3229


 68.2878, 0.4140,
0.3274

 15.3799, 0.4792,
0.3195


 90.3703, 0.4049,
0.3281

 9.0864, 0.5101,
0.3140


 116.7637, 0.3973,
0.3286

 4.7976, 0.5539,
0.3041

147.8526, 0.3908,
0.3289

 2.1290, 0.6208,
0.2857

184.0212, 0.3852,
0.3292

 0.6809, 0.7518,
0.2482

225.6540, 0.3804,

 0.0000, 1.0000,

0.3294

0.0000

273.1354, 0.3762,
0.3295

■ 0.0000, 0.0000,
0.0000

■ 35.5182, 0.4389,
0.3250

■ 35.5182, 0.4389,
0.3250

■ 29.4604, 0.4827,
0.3246

■ 43.2098, 0.4012,
0.3257

■ 24.9135, 0.5301,
0.3246

■ 52.6358, 0.3701,
0.3266

■ 21.7462, 0.5757,
0.3253


■ 63.8948, 0.3449,
0.3275

■ 19.8020, 0.6123,
0.3267

■ 77.0769, 0.3248,
0.3284

■ 18.8780, 0.6339,
0.3284

■ 92.2658, 0.3087,
0.3292

 18.7220, 0.6374,
0.3285

 97.4434, 0.3042,
0.3290

Harmonies

Analogous

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



35.5182, 0.3809, 0.2757



35.5182, 0.4389, 0.3250



35.5182, 0.4568, 0.3790

Triad

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



35.5182, 0.4389, 0.3250



35.5182, 0.3054, 0.4495



35.5182, 0.2010, 0.2236

Complementary

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



35.5182, 0.4389, 0.3250



73.5459, 0.2518, 0.3336

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.



35.5182, 0.1866, 0.2540



35.5182, 0.4389, 0.3250



35.5182, 0.2416, 0.3898

Square

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



35.5182, 0.4389, 0.3250



35.5182, 0.3749, 0.4607



35.5182, 0.1999, 0.3131



35.5182, 0.2420, 0.2197

Rectangle

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



35.5182, 0.4389, 0.3250



35.5182, 0.4439, 0.4138



35.5182, 0.1999, 0.3131



35.5182, 0.1932, 0.2306

Sweetspot

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



35.5200, 0.4389, 0.3250



77.2765, 0.3378, 0.3278



39.2452, 0.3129, 0.2123



15.8754, 0.3425, 0.3276



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.



35.5200, 0.4389, 0.3250



33.5688, 0.4821, 0.3246



52.1978, 0.4140, 0.3853



15.7678, 0.3288, 0.3282



10.1552, 0.6363, 0.3279



0.8480, 0.6266, 0.3226

Inverse Universe

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



35.5200, 0.4389, 0.3250



33.5688, 0.4821, 0.3246



47.5634, 0.2379, 0.2632



15.7678, 0.3288, 0.3282



10.1552, 0.6363, 0.3279



0.8480, 0.6266, 0.3226

Previews

White Background



This preview shows how the Yxy color 35.5182, 0.4389, 0.3250 looks on a white background.

Color Contrast Check

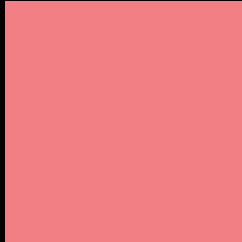
Large Text (above 18pt) WCAG AA × Fail

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 35.5182, 0.4389, 0.3250 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 35.5182, 0.4389, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 35.5182, 0.4389, 0.3250.



This preview shows how white text looks on a background with the Yxy color 35.5182, 0.4389, 0.3250.

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

35.5182, 0.4389, 0.3250

Protanopia

35.8433, 0.3303, 0.3480

Deuteranopia

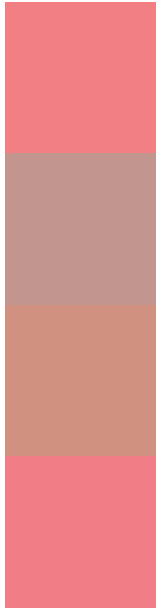
35.7679, 0.3762, 0.3689



Tritanopia

35.3718, 0.4346, 0.3195

Trichromacy



Original Color

35.5182, 0.4389, 0.3250

Protanomaly

34.9172, 0.3673, 0.3386

Deuteranomaly

35.2192, 0.3989, 0.3509

Tritanomaly

35.3437, 0.4358, 0.3206

Monochromacy



Original Color

35.5182, 0.4389, 0.3250

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.8056, 0.3547, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5182, 0.4389, 0.3250 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(241, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 127, 131)  
}
```

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(241, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 127, 131) }
```

Border

The CSS property to change the border of an element to Yxy 35.5182, 0.4389, 0.3250 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(241, 127, 131) }
```

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

```
.border{ border-color:rgb(241, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 127, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 127, 131); box-shadow:4px 4px 4px 4px rgb(241, 127, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5182, 0.4389, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 127, 131) }
```

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

```
.background{ background-color: rgb(241,  
127, 131) }
```

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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