

Converting Colors

$Y_{xy}(34.3993, 0.4693, 0.3395)$

Have a look what the booklet for
Yxy(34.3993, 0.4693, 0.3395)
contains.

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Color

Yxy(34.2571, 0.4689, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	F57970
RGB	245, 121, 112
RGB Percent	96%, 47%, 44%
CMY	0.0393, 0.5254, 0.5608
CMYK	0.00, 0.51, 0.54, 0.04
HSL	4°, 87%, 70%
HSV	4°, 54%, 96%
XYZ	47.4119, 34.2571, 19.4440
YIQ	157.0500, 76.7930, 23.4890

Conversions

Conversions Part 2

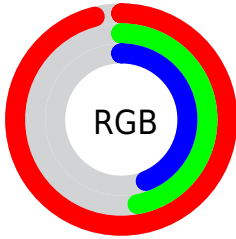
Format	Color
R_{YB}	245, 122, 112
Decimal	16087408
CIE _{Lab}	65.17, 46.69, 27.32
CIE _{LCh}	65, 54.089, 30.332
Yxy	34.2571, 0.4689, 0.3388
Android (android.graphics.Color)	4294277488 (0xFFFF57970)
YUV	157.0500, -22.2096, 77.1322
Hunter-Lab	58.5296, 42.1673, 21.2740

Details

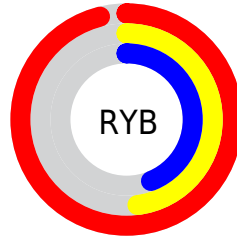
The Yxy color **34.2571, 0.4689, 0.3388** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70.0007, 0.2413, 0.3179**, and the grayscale version is **33.8197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9910, 0.3946, 0.3419**, and **14.6948, 0.5180, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **28.8754, 0.5147, 0.3395**, and if you desaturate by 10%, it is **41.1044, 0.4274, 0.3373**.

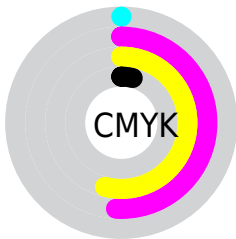
Distribution



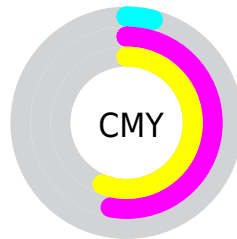
- Red (96%)
- Green (47%)
- Blue (44%)



- Red (96%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2571, 0.4689, 0.3388 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 34.2571, 0.4689, 0.3388 by changing the saturation by 10% instead.


 34.2571, 0.4689,
0.3388


 34.2571, 0.4689,
0.3388

321.2769, 0.3865,
0.3383


 23.0912, 0.4903,
0.3372


 66.3333, 0.4382,
0.3398

 14.6608, 0.5179,
0.3341


 88.0123, 0.4269,
0.3398

 8.5817, 0.5545,
0.3280

 113.9645, 0.4174,
0.3397

 4.4694, 0.6044,
0.3156

 144.5743, 0.4093,
0.3395

 1.9394, 0.6993,
0.3007

180.2261, 0.4024,
0.3392

 0.5719, 0.7772,
0.2228

221.3041, 0.3964,

 0.0000, 1.0000,

0.3389

0.0000

268.1930, 0.3911,
0.3386

■ 0.0000, 0.0000,
0.0000

■ 34.2571, 0.4689,
0.3388

■ 34.2571, 0.4689,
0.3388

■ 28.8754, 0.5147,
0.3395

■ 41.1044, 0.4274,
0.3373

■ 24.8473, 0.5608,
0.3391

■ 49.5077, 0.3920,
0.3355

■ 22.0537, 0.6005,
0.3373

■ 59.5566, 0.3627,
0.3335

■ 20.3522, 0.6273,
0.3344

■ 71.3322, 0.3389,
0.3316

■ 19.7970, 0.6364,
0.3329

■ 84.9104, 0.3197,
0.3297

 98.1479, 0.3066,
0.3290

Harmonies

Analogous

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



34.2571, 0.4127, 0.2821



34.2571, 0.4689, 0.3388



34.2571, 0.4734, 0.3992

Triad

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



34.2571, 0.4689, 0.3388



34.2571, 0.2812, 0.4561



34.2571, 0.1963, 0.2060

Complementary

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



34.2571, 0.4689, 0.3388



70.0007, 0.2413, 0.3179

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.



34.2571, 0.1723, 0.2302



34.2571, 0.4689, 0.3388



34.2571, 0.2150, 0.3745

Square

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



34.2571, 0.4689, 0.3388



34.2571, 0.3603, 0.4838



34.2571, 0.1779, 0.2876



34.2571, 0.2495, 0.2095

Rectangle

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



34.2571, 0.4689, 0.3388



34.2571, 0.4493, 0.4377



34.2571, 0.1779, 0.2876



34.2571, 0.1851, 0.2107

Sweetspot

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



34.2589, 0.4689, 0.3388



75.7343, 0.3427, 0.3319



37.0600, 0.3271, 0.2068



15.6218, 0.3474, 0.3323



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.



34.2589, 0.4689, 0.3388



31.1949, 0.5188, 0.3396



56.2692, 0.4239, 0.4083



16.6629, 0.3292, 0.3307



10.7363, 0.6352, 0.3339



1.0055, 0.6234, 0.3432

Inverse Universe

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



70.0007, 0.2413, 0.3179



73.9109, 0.2324, 0.3153



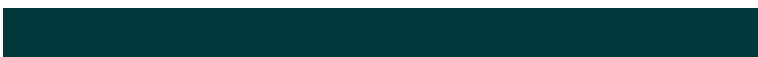
38.6454, 0.2231, 0.2301



18.5540, 0.2981, 0.3273



33.6394, 0.2188, 0.3077



3.0134, 0.2196, 0.3105

Previews

White Background



This preview shows how the Yxy color 34.2571, 0.4689, 0.3388 looks on a white background.

Color Contrast Check

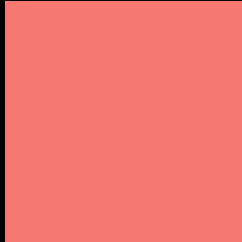
Large Text (above 18pt) WCAG AA × Fail

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 34.2571, 0.4689, 0.3388 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 34.2571, 0.4689, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 34.2571, 0.4689, 0.3388.



This preview shows how white text looks on a background with the Yxy color 34.2571, 0.4689, 0.3388.

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

34.2571, 0.4689, 0.3388

Protanopia

34.3635, 0.3500, 0.3719

Deuteranopia

34.4652, 0.3977, 0.3903



Tritanopia

34.3188, 0.4531, 0.3210

Trichromacy



Original Color

34.2571, 0.4689, 0.3388

Protanomaly

33.4166, 0.3915, 0.3587

Deuteranomaly

33.8555, 0.4239, 0.3693

Tritanomaly

34.4309, 0.4586, 0.3273

Monochromacy



Original Color

34.2571, 0.4689, 0.3388

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6884, 0.3647, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2571, 0.4689, 0.3388 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(245, 121, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 121, 112)  
}
```

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(245, 121, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 121, 112) }
```

Border

The CSS property to change the border of an element to Yxy 34.2571, 0.4689, 0.3388 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(245, 121, 112) }
```

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

```
.border{ border-color:rgb(245, 121, 112) }
```

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

Here you see how a box with a 4 pixel rgb(245, 121, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 121, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 121, 112);  
box-shadow:4px 4px 4px 4px rgb(245, 121,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2571, 0.4689, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 121, 112) }
```

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

```
.background{ background-color: rgb(245,  
121, 112) }
```

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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