

Converting Colors

$Y_{xy}(33.5798, 0.4574, 0.3385)$

Have a look what the booklet for
Yxy(33.5798, 0.4574, 0.3385)
contains.

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Color

Yxy(33.5809, 0.4575, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	EE7B73
RGB	238, 123, 115
RGB Percent	93%, 48%, 45%
CMY	0.0666, 0.5176, 0.5491
CMYK	0.00, 0.48, 0.52, 0.07
HSL	4°, 78%, 69%
HSV	4°, 52%, 93%
XYZ	45.4400, 33.5809, 20.3015
YIQ	156.4730, 71.1080, 21.8920

Conversions

Conversions Part 2

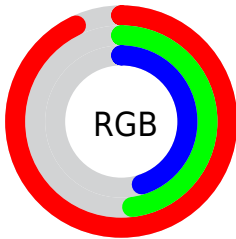
Format	Color
R _Y B	238, 124, 115
Decimal	15629171
CIE Lab	64.63, 43.43, 24.76
CIE LCh	65, 49.988, 29.687
Yxy	33.5809, 0.4575, 0.3381
Android (android.graphics.Color)	4293819251 (0xFFEE7B73)
YUV	156.4730, -20.4462, 71.4992
Hunter-Lab	57.9490, 38.5577, 19.7930

Details

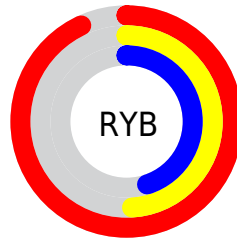
The Yxy color **33.5809, 0.4575, 0.3381** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **66.4102, 0.2439, 0.3189**, and the grayscale version is **33.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8908, 0.3911, 0.3408**, and **14.3767, 0.5035, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **28.1966, 0.5025, 0.3390**, and if you desaturate by 10%, it is **40.3646, 0.4175, 0.3366**.

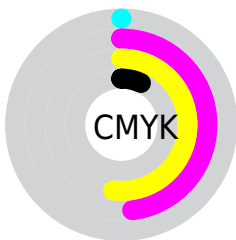
Distribution



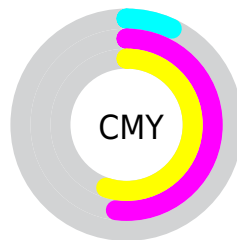
- Red (93%)
- Green (48%)
- Blue (45%)



- Red (93%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5809, 0.4575, 0.3381 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 33.5809, 0.4575, 0.3381 by changing the saturation by 10% instead.

 33.5809, 0.4575,
0.3381


 33.5809, 0.4575,
0.3381


318.2592, 0.3807,
0.3372

 22.5718, 0.4777,
0.3369


 65.2814, 0.4288,
0.3388

 14.2777, 0.5039,
0.3343


 86.7416, 0.4182,
0.3388

 8.3140, 0.5392,
0.3291


 112.4543, 0.4094,
0.3386

 4.2965, 0.5880,
0.3183

142.8039, 0.4019,
0.3383

 1.8408, 0.6867,
0.3078

178.1748, 0.3955,
0.3381

 0.5124, 0.7748,
0.2252

218.9514, 0.3899,

 0.0000, 1.0000,

0.3378

0.0000

265.5181, 0.3850,
0.3375

0.0000, 0.0000,
0.0000

33.5809, 0.4575,
0.3381

33.5809, 0.4575,
0.3381

28.1966, 0.5025,
0.3390

40.3646, 0.4175,
0.3366

24.1091, 0.5490,
0.3390

48.6303, 0.3837,
0.3347

21.2105, 0.5911,
0.3376


58.4606, 0.3560,
0.3328

19.3730, 0.6218,
0.3350

69.9302, 0.3335,
0.3310

18.5355, 0.6364,
0.3328

83.1093, 0.3154,
0.3293

 96.9194, 0.3023,
0.3290

Harmonies

Analogous

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



33.5809, 0.4044, 0.2843



33.5809, 0.4575, 0.3381



33.5809, 0.4636, 0.3953

Triad

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



33.5809, 0.4575, 0.3381



33.5809, 0.2856, 0.4473



33.5809, 0.2024, 0.2135

Complementary

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



33.5809, 0.4575, 0.3381



66.4102, 0.2439, 0.3189

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.



33.5809, 0.1802, 0.2376



33.5809, 0.4575, 0.3381



33.5809, 0.2227, 0.3733

Square

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



33.5809, 0.4575, 0.3381



33.5809, 0.3600, 0.4727



33.5809, 0.1864, 0.2926



33.5809, 0.2524, 0.2160

Rectangle

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



33.5809, 0.4575, 0.3381



33.5809, 0.4422, 0.4311



33.5809, 0.1864, 0.2926



33.5809, 0.1919, 0.2183

Sweetspot

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



33.5827, 0.4575, 0.3381



75.6778, 0.3427, 0.3318



36.2557, 0.3243, 0.2102



15.6086, 0.3474, 0.3322



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.



33.5827, 0.4575, 0.3381



32.6783, 0.5050, 0.3391



53.1397, 0.4186, 0.4028



15.9240, 0.3292, 0.3306



10.4030, 0.6353, 0.3338



0.9230, 0.6234, 0.3432

Inverse Universe

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



66.4102, 0.2439, 0.3189



74.8795, 0.2348, 0.3166



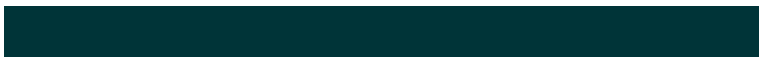
38.6975, 0.2280, 0.2388



17.7422, 0.2981, 0.3274



32.8118, 0.2191, 0.3086



2.7824, 0.2198, 0.3114

Previews

White Background



This preview shows how the Yxy color 33.5809, 0.4575, 0.3381 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 33.5809, 0.4575, 0.3381 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 33.5809, 0.4575, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 33.5809, 0.4575, 0.3381.

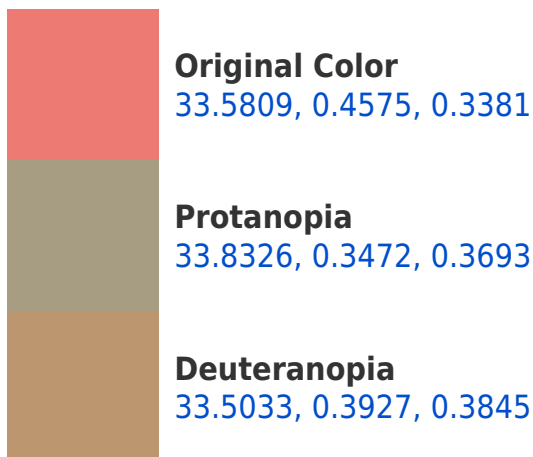


This preview shows how white text looks on a background with the Yxy color 33.5809, 0.4575, 0.3381.

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





Tritanopia

33.6104, 0.4426, 0.3207

Trichromacy



Original Color

33.5809, 0.4575, 0.3381

Protanomaly

32.9379, 0.3850, 0.3565

Deuteranomaly

33.0478, 0.4171, 0.3651

Tritanomaly

33.7250, 0.4482, 0.3272

Monochromacy



Original Color

33.5809, 0.4575, 0.3381

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3087, 0.3614, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5809, 0.4575, 0.3381 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(238, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(238, 123, 115)  
}
```

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(238, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 123, 115) }
```

Border

The CSS property to change the border of an element to Yxy 33.5809, 0.4575, 0.3381 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(238, 123, 115) }
```

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

```
.border{ border-color:rgb(238, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(238, 123,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5809, 0.4575, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 123, 115) }
```

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

```
.background{ background-color: rgb(238,  
123, 115) }
```

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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