

Converting Colors

$Y_{xy}(35.0917, 0.4446, 0.3338)$

Have a look what the booklet for
Yxy(35.0917, 0.4446, 0.3338)
contains.

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Color

Yxy(35.0707, 0.4437, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	EE807C
RGB	238, 128, 124
RGB Percent	93%, 50%, 49%
CMY	0.0667, 0.4980, 0.5138
CMYK	0.00, 0.46, 0.48, 0.07
HSL	2°, 77%, 71%
HSV	2°, 48%, 93%
XYZ	46.6173, 35.0707, 23.3770
YIQ	160.4340, 66.8440, 22.0760

Conversions

Conversions Part 2

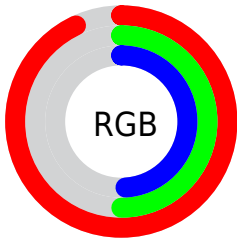
Format	Color
R _Y B	238, 128, 124
Decimal	15630460
CIE Lab	65.80, 41.71, 21.28
CIE LCh	66, 46.826, 27.033
Yxy	35.0707, 0.4437, 0.3338
Android (android.graphics.Color)	4293820540 (0xFFEE807C)
YUV	160.4340, -17.9620, 68.0254
Hunter-Lab	59.2205, 36.8761, 18.0500

Details

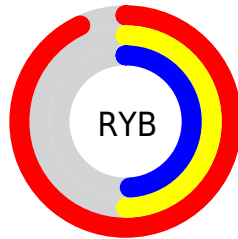
The Yxy color **35.0707, 0.4437, 0.3338** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.2949, 0.2485, 0.3239**, and the grayscale version is **35.4269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3013, 0.3804, 0.3355**, and **15.1419, 0.4854, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **29.2136, 0.4881, 0.3345**, and if you desaturate by 10%, it is **42.4319, 0.4052, 0.3329**.

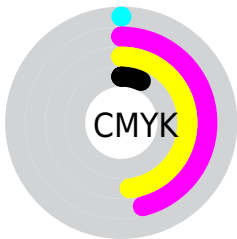
Distribution



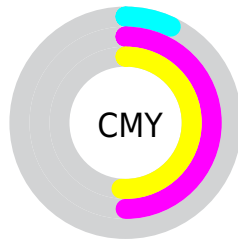
- Red (93%)
- Green (50%)
- Blue (49%)



- Red (93%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (48%)
- Black (7%)





- Cyan (7%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0707, 0.4437, 0.3338 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 35.0707, 0.4437, 0.3338 by changing the saturation by 10% instead.


 35.0707, 0.4437,
0.3338


 35.0707, 0.4437,
0.3338


324.8803, 0.3746,
0.3343

 23.7173, 0.4619,
0.3325


 67.5953, 0.4178,
0.3348

 15.1241, 0.4855,
0.3302


 89.5353, 0.4083,
0.3349

 8.9065, 0.5175,
0.3257


 115.7730, 0.4004,
0.3349

 4.6803, 0.5624,
0.3168

146.6927, 0.3937,
0.3349

 2.0609, 0.6369,
0.3020

182.6789, 0.3879,
0.3348

 0.6425, 0.7473,
0.2527

224.1160, 0.3828,


 0.0000, 1.0000,


0.3346


0.0000


271.3883, 0.3785,
0.3345


 0.0000, 0.0000,
0.0000


 35.0707, 0.4437,
0.3338


 35.0707, 0.4437,
0.3338


 29.2136, 0.4881,
0.3345

 42.4319, 0.4052,
0.3329


 24.7519, 0.5355,
0.3347


 51.3853, 0.3732,
0.3318


 21.5713, 0.5805,
0.3342

 62.0185, 0.3472,
0.3307

 19.5367, 0.6156,
0.3330

 74.4112, 0.3263,
0.3297

 18.4815, 0.6355,
0.3315

 88.6383, 0.3095,
0.3288

 18.3597, 0.6382,
0.3314

 96.9177, 0.3023,
0.3290

Harmonies

Analogous

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



35.0707, 0.3916, 0.2835



35.0707, 0.4437, 0.3338



35.0707, 0.4541, 0.3875

Triad

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



35.0707, 0.4437, 0.3338



35.0707, 0.2943, 0.4414



35.0707, 0.2068, 0.2221

Complementary

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



35.0707, 0.4437, 0.3338



69.2949, 0.2485, 0.3239

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.



35.0707, 0.1881, 0.2479



35.0707, 0.4437, 0.3338



35.0707, 0.2337, 0.3768

Square

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



35.0707, 0.4437, 0.3338



35.0707, 0.3636, 0.4611



35.0707, 0.1967, 0.3020



35.0707, 0.2517, 0.2221

Rectangle

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



35.0707, 0.4437, 0.3338



35.0707, 0.4370, 0.4210



35.0707, 0.1967, 0.3020



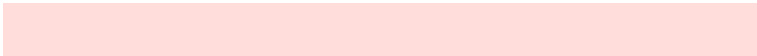
35.0707, 0.1976, 0.2277

Sweetspot

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



35.0725, 0.4437, 0.3338



77.8700, 0.3386, 0.3303



38.5423, 0.3216, 0.2162



16.0173, 0.3433, 0.3306



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.



35.0725, 0.4437, 0.3338



34.5876, 0.4849, 0.3345



54.2454, 0.4102, 0.3959



15.8480, 0.3293, 0.3299



10.2815, 0.6375, 0.3320



0.8865, 0.6308, 0.3373

Inverse Universe

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



69.2949, 0.2485, 0.3239



78.8083, 0.2400, 0.3228



41.9790, 0.2346, 0.2493



17.8278, 0.2981, 0.3281



34.9399, 0.2217, 0.3180



2.9363, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 35.0707, 0.4437, 0.3338 looks on a white background.

Color Contrast Check

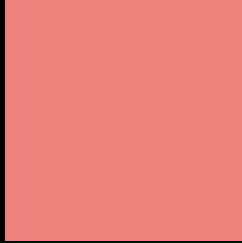
Large Text (above 18pt) WCAG AA × Fail

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 35.0707, 0.4437, 0.3338 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 35.0707, 0.4437, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 35.0707, 0.4437, 0.3338.



This preview shows how white text looks on a background with the Yxy color 35.0707, 0.4437, 0.3338.

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

35.0707, 0.4437, 0.3338

Protanopia

35.3305, 0.3399, 0.3598

Deuteranopia

35.2619, 0.3836, 0.3771



Tritanopia

35.0217, 0.4326, 0.3194

Trichromacy



Original Color

35.0707, 0.4437, 0.3338

Protanomaly

34.2385, 0.3751, 0.3482

Deuteranomaly

34.8967, 0.4054, 0.3599

Tritanomaly

35.1682, 0.4369, 0.3250

Monochromacy



Original Color

35.0707, 0.4437, 0.3338

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.9778, 0.3560, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0707, 0.4437, 0.3338 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, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(238, 128, 124)  
}
```

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, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 128, 124) }
```

Border

The CSS property to change the border of an element to Yxy 35.0707, 0.4437, 0.3338 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, 128, 124) }
```

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

```
.border{ border-color:rgb(238, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(238, 128,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0707, 0.4437, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 128, 124) }
```

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

```
.background{ background-color: rgb(238,  
128, 124) }
```

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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