

Converting Colors

Yxy(35.5636, 0.4206, 0.3162)

Have a look what the booklet for
Yxy(35.5636, 0.4206, 0.3162)
contains.

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Color

Yxy(35.4565, 0.4209, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	EC818D
RGB	236, 129, 141
RGB Percent	93%, 51%, 55%
CMY	0.0744, 0.4942, 0.4470
CMYK	0.00, 0.45, 0.40, 0.07
HSL	353°, 74%, 72%
HSV	353°, 45%, 93%
XYZ	47.2566, 35.4565, 29.5621
YIQ	162.3610, 59.9200, 26.4160

Conversions

Conversions Part 2

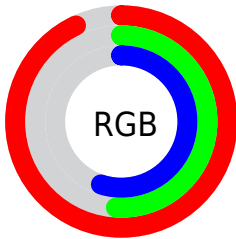
Format	Color
R_{YB}	236, 129, 141
Decimal	15499661
CIE _{Lab}	66.10, 42.22, 12.05
CIE _{LCh}	66, 43.902, 15.932
Yxy	35.4565, 0.4209, 0.3158
Android (android.graphics.Color)	4293689741 (0xFFEC818D)
YUV	162.3610, -10.5310, 64.5814
Hunter-Lab	59.5454, 37.4575, 12.2465

Details

The Yxy color **35.4565, 0.4209, 0.3158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.0502, 0.2576, 0.3437**, and the grayscale version is **36.3396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4811, 0.3644, 0.3177**, and **15.4102, 0.4557, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **29.3768, 0.4600, 0.3137**, and if you desaturate by 10%, it is **43.0935, 0.3877, 0.3186**.

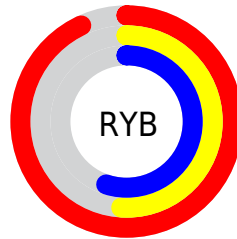
Distribution



Red (93%)

Green (51%)

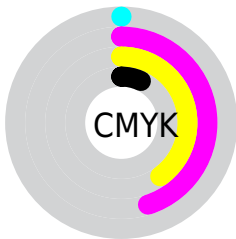
Blue (55%)



Red (93%)

Yellow (51%)

Blue (55%)

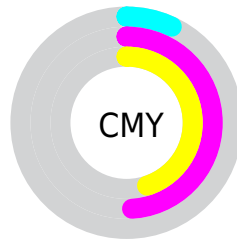


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (7%)



Cyan (7%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4565, 0.4209, 0.3158 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 35.4565, 0.4209, 0.3158 by changing the saturation by 10% instead.


 35.4565, 0.4209,
0.3158


 35.4565, 0.4209,
0.3158


326.5787, 0.3639,
0.3243

 24.0147, 0.4360,
0.3130


 68.1924, 0.3995,
0.3194

 15.3446, 0.4558,
0.3090


 90.2552, 0.3917,
0.3206

 9.0616, 0.4828,
0.3030


 116.6273, 0.3852,
0.3215

 4.7814, 0.5218,
0.2931

147.6929, 0.3796,
0.3223

 2.1196, 0.5814,
0.2752

183.8364, 0.3749,
0.3229

 0.6756, 0.7452,
0.2548

225.4423, 0.3707,

 0.0000, 1.0000,

0.3234


0.0000


272.8950, 0.3671,
0.3239

 0.0000, 0.0000,
0.0000


 35.4565, 0.4209,
0.3158


 35.4565, 0.4209,
0.3158


 29.3768, 0.4600,
0.3137


 43.0935, 0.3877,
0.3186


 24.7422, 0.5038,
0.3127


 52.3791, 0.3605,
0.3216


 21.4338, 0.5488,
0.3136

 63.4043, 0.3384,
0.3247

 19.3118, 0.5893,
0.3167

 76.2515, 0.3207,
0.3275

 18.2044, 0.6191,
0.3216

 90.9980, 0.3065,
0.3302

■ 17.9134, 0.6287,
0.3237

■ 96.5764, 0.3011,
0.3290

Harmonies

Analogous

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



35.4565, 0.3621, 0.2710



35.4565, 0.4209, 0.3158



35.4565, 0.4464, 0.3664

Triad

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



35.4565, 0.4209, 0.3158



35.4565, 0.3202, 0.4457



35.4565, 0.2034, 0.2345

Complementary

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



35.4565, 0.4209, 0.3158



70.0502, 0.2576, 0.3437

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.



35.4565, 0.1951, 0.2691



35.4565, 0.4209, 0.3158



35.4565, 0.2580, 0.3988

Square

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



35.4565, 0.4209, 0.3158



35.4565, 0.3836, 0.4478



35.4565, 0.2135, 0.3289



35.4565, 0.2370, 0.2256

Rectangle

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



35.4565, 0.4209, 0.3158



35.4565, 0.4403, 0.3995



35.4565, 0.2135, 0.3289



35.4565, 0.1977, 0.2431

Sweetspot

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



35.4583, 0.4209, 0.3158



77.4244, 0.3359, 0.3250



37.5283, 0.3064, 0.2146



15.9109, 0.3402, 0.3244



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.



35.4583, 0.4209, 0.3158



35.7401, 0.4554, 0.3139



48.1776, 0.4123, 0.3752



15.0816, 0.3275, 0.3264



9.8816, 0.6263, 0.3224



0.7851, 0.5980, 0.3068

Inverse Universe

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



35.4583, 0.4209, 0.3158



35.7401, 0.4554, 0.3139



49.7505, 0.2426, 0.2762



15.0816, 0.3275, 0.3264



9.8816, 0.6263, 0.3224



0.7851, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 35.4565, 0.4209, 0.3158 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 35.4565, 0.4209, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

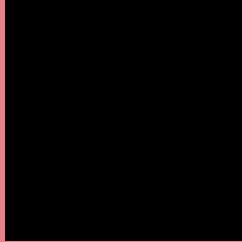
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.4565, 0.4209, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 35.4565, 0.4209, 0.3158.



This preview shows how white text looks on a background with the Yxy color 35.4565, 0.4209, 0.3158.

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

35.4565, 0.4209, 0.3158

Protanopia

35.6096, 0.3193, 0.3319

Deuteranopia

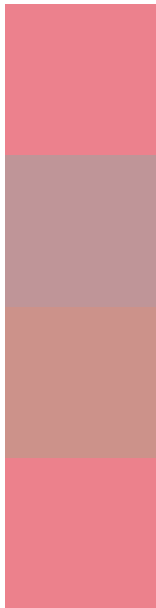
35.5631, 0.3609, 0.3541



Tritanopia

35.3975, 0.4233, 0.3181

Trichromacy



Original Color

35.4565, 0.4209, 0.3158

Protanomaly

34.8383, 0.3536, 0.3251

Deuteranomaly

35.2301, 0.3833, 0.3396

Tritanomaly

35.4268, 0.4221, 0.3170

Monochromacy



Original Color

35.4565, 0.4209, 0.3158

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.9646, 0.3492, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4565, 0.4209, 0.3158 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(236, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(236, 129, 141)  
}
```

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(236, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 129, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.4565, 0.4209, 0.3158 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(236, 129, 141) }
```

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

```
.border{ border-color:rgb(236, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(236, 129,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4565, 0.4209, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 129, 141) }
```

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

```
.background{ background-color: rgb(236,  
129, 141) }
```

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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