

Converting Colors

$Y_{xy}(35.0574, 0.4578, 0.3243)$

Have a look what the booklet for
Yxy(35.0574, 0.4578, 0.3243)
contains.

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Color

Yxy(35.0533, 0.4578, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	F9787D
RGB	249, 120, 125
RGB Percent	98%, 47%, 49%
CMY	0.0235, 0.5294, 0.5099
CMYK	0.00, 0.52, 0.50, 0.02
HSL	358°, 91%, 72%
HSV	358°, 52%, 98%
XYZ	49.4832, 35.0533, 23.5526
YIQ	159.1410, 75.2790, 28.9030

Conversions

Conversions Part 2

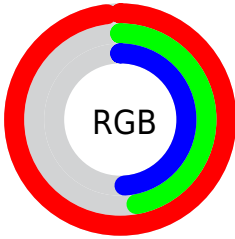
Format	Color
R _Y B	249, 120, 125
Decimal	16349309
CIE Lab	65.79, 49.69, 20.96
CIE LCh	66, 53.928, 22.871
Yxy	35.0533, 0.4578, 0.3243
Android (android.graphics.Color)	4294539389 (0xFFFF9787D)
YUV	159.1410, -16.8315, 78.8063
Hunter-Lab	59.2058, 45.5770, 17.8580

Details

The Yxy color **35.0533, 0.4578, 0.3243** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.2769, 0.2478, 0.3347**, and the grayscale version is **34.7926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1343, 0.3821, 0.3261**, and **15.1096, 0.5041, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **29.2842, 0.5037, 0.3240**, and if you desaturate by 10%, it is **42.5304, 0.4172, 0.3250**.

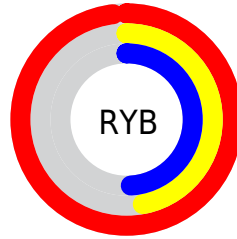
Distribution



Red (98%)

Green (47%)

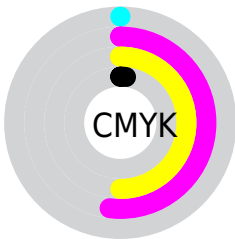
Blue (49%)



Red (98%)

Yellow (47%)

Blue (49%)

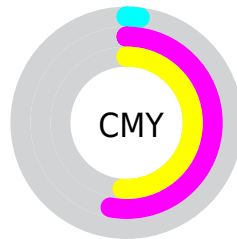


Cyan (0%)

Magenta (52%)

Yellow (50%)

Black (2%)



Cyan (2%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0533, 0.4578, 0.3243 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 35.0533, 0.4578, 0.3243 by changing the saturation by 10% instead.


 35.0533, 0.4578,
0.3243


 35.0533, 0.4578,
0.3243


324.8035, 0.3813,
0.3302

 23.7039, 0.4778,
0.3216


 67.5683, 0.4293,
0.3274

 15.1141, 0.5037,
0.3172


 89.5028, 0.4188,
0.3282

 8.8995, 0.5386,
0.3101


 115.7344, 0.4100,
0.3288

 4.6757, 0.5871,
0.2974

146.6475, 0.4025,
0.3293

 2.0583, 0.6647,
0.2764

182.6266, 0.3961,
0.3296

 0.6410, 0.7784,
0.2216

224.0561, 0.3905,


 0.0000, 1.0000,


0.3299


0.0000

271.3202, 0.3857,
0.3301


 0.0000, 0.0000,
0.0000

 35.0533, 0.4578,
0.3243


 35.0533, 0.4578,
0.3243

 29.2842, 0.5037,
0.3240

 42.5304, 0.4172,
0.3250


 25.0833, 0.5510,
0.3244


 51.8297, 0.3832,
0.3259


 22.2984, 0.5935,
0.3255

 63.0622, 0.3555,
0.3269

 20.7440, 0.6239,
0.3273

 76.3283, 0.3333,
0.3279

 20.1602, 0.6373,
0.3284

 91.7215, 0.3155,
0.3288

98.8792, 0.3090,
0.3290

Harmonies

Analogous

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



35.0533, 0.3921, 0.2700



35.0533, 0.4578, 0.3243



35.0533, 0.4756, 0.3840

Triad

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



35.0533, 0.4578, 0.3243



35.0533, 0.3008, 0.4675



35.0533, 0.1887, 0.2103

Complementary

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



35.0533, 0.4578, 0.3243



78.2769, 0.2478, 0.3347

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.



35.0533, 0.1721, 0.2421



35.0533, 0.4578, 0.3243



35.0533, 0.2301, 0.3967

Square

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



35.0533, 0.4578, 0.3243



35.0533, 0.3790, 0.4792



35.0533, 0.1853, 0.3074



35.0533, 0.2343, 0.2073

Rectangle

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



35.0533, 0.4578, 0.3243



35.0533, 0.4591, 0.4232



35.0533, 0.1853, 0.3074



35.0533, 0.1799, 0.2174

Sweetspot

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



35.0552, 0.4578, 0.3243



74.4005, 0.3420, 0.3275



39.2495, 0.3127, 0.2024



15.3095, 0.3466, 0.3273



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.



35.0552, 0.4578, 0.3243



30.7700, 0.5050, 0.3240



53.3583, 0.4270, 0.3902



17.2360, 0.3288, 0.3281



10.7964, 0.6361, 0.3278



1.0036, 0.6265, 0.3225

Inverse Universe

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



35.0552, 0.4578, 0.3243



30.7700, 0.5050, 0.3240



48.0747, 0.2310, 0.2555



17.2360, 0.3288, 0.3281



10.7964, 0.6361, 0.3278



1.0036, 0.6265, 0.3225

Previews

White Background



This preview shows how the Yxy color 35.0533, 0.4578, 0.3243 looks on a white background.

Color Contrast Check

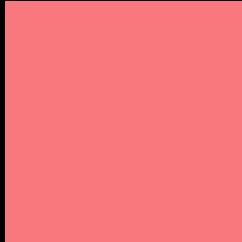
Large Text (above 18pt) WCAG AA × Fail

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 35.0533, 0.4578, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

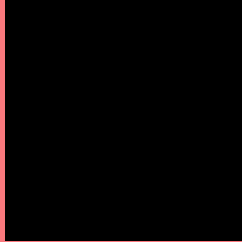
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0533, 0.4578, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 35.0533, 0.4578, 0.3243.



This preview shows how white text looks on a background with the Yxy color 35.0533, 0.4578, 0.3243.

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

35.0533, 0.4578, 0.3243

Protanopia

35.3707, 0.3342, 0.3524

Deuteranopia

35.2619, 0.3836, 0.3771



Tritanopia

35.1312, 0.4541, 0.3211

Trichromacy



Original Color

35.0533, 0.4578, 0.3243

Protanomaly

33.9273, 0.3773, 0.3399

Deuteranomaly

34.5754, 0.4113, 0.3556

Tritanomaly

35.1050, 0.4553, 0.3222

Monochromacy



Original Color

35.0533, 0.4578, 0.3243

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.5638, 0.3611, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0533, 0.4578, 0.3243 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(249, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(249, 120, 125)  
}
```

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(249, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 120, 125) }
```

Border

The CSS property to change the border of an element to Yxy 35.0533, 0.4578, 0.3243 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(249, 120, 125) }
```

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

```
.border{ border-color:rgb(249, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 120, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 120, 125); box-shadow:4px 4px 4px 4px rgb(249, 120, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0533, 0.4578, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 120, 125) }
```

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

```
.background{ background-color: rgb(249,  
120, 125) }
```

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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