

Converting Colors

$Yxy(37.8107, 0.3948, 0.3164)$

Have a look what the booklet for
Yxy(37.8107, 0.3948, 0.3164)
contains.

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Color

Yxy(37.8107, 0.3948, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	E48D98
RGB	228, 141, 152
RGB Percent	89%, 55%, 60%
CMY	0.1060, 0.4470, 0.4040
CMYK	0.00, 0.38, 0.33, 0.11
HSL	352°, 62%, 72%
HSV	352°, 38%, 89%
XYZ	47.1797, 37.8107, 34.5124
YIQ	168.2670, 48.3210, 21.8650

Conversions

Conversions Part 2

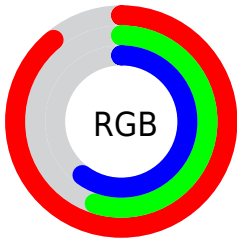
Format	Color
R _Y B	228, 141, 152
Decimal	14978456
CIE Lab	67.88, 34.34, 8.26
CIE LCh	68, 35.315, 13.523
Yxy	37.8107, 0.3948, 0.3164
Android (android.graphics.Color)	4293168536 (0xFFE48D98)
YUV	168.2670, -8.0196, 52.3858
Hunter-Lab	61.4904, 29.3494, 9.7659

Details

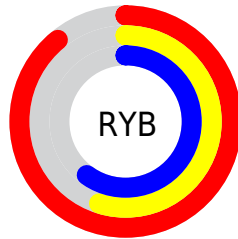
The Yxy color **37.8107, 0.3948, 0.3164** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1458, 0.2654, 0.3425**, and the grayscale version is **39.3195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1961, 0.3527, 0.3188**, and **16.6304, 0.4208, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **31.1673, 0.4290, 0.3134**, and if you desaturate by 10%, it is **45.9511, 0.3665, 0.3198**.

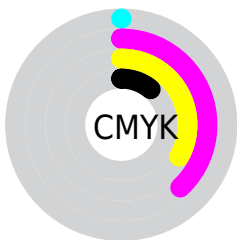
Distribution



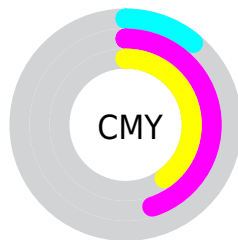
- Red (89%)
- Green (55%)
- Blue (60%)



- Red (89%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8107, 0.3948, 0.3164 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 37.8107, 0.3948, 0.3164 by changing the saturation by 10% instead.

 37.8107, 0.3948,
0.3164


 37.8107, 0.3948,
0.3164


336.8072, 0.3520,
0.3238


 25.8358, 0.4060,
0.3142


 71.8179, 0.3788,
0.3193

 16.7008, 0.4207,
0.3111


 94.6190, 0.3730,
0.3204

 10.0214, 0.4408,
0.3067


 121.7976, 0.3681,
0.3212

 5.4132, 0.4697,
0.2996

153.7381, 0.3639,
0.3219

 2.4917, 0.5146,
0.2873

190.8249, 0.3603,
0.3225

 0.8725, 0.6123,
0.2716

233.4425, 0.3572,


 0.0000, 1.0000,


0.3230


0.0000


281.9751, 0.3544,
0.3234


 0.0000, 0.0000,
0.0000

 37.8107, 0.3948,
0.3164


 37.8107, 0.3948,
0.3164


 31.1673, 0.4290,
0.3134


 45.9511, 0.3665,
0.3198

 25.9243, 0.4688,
0.3112


 55.6662, 0.3435,
0.3232


 21.9828, 0.5127,
0.3106

 67.0350, 0.3251,
0.3265

 19.2282, 0.5567,
0.3121

 80.1296, 0.3102,
0.3296

 17.5262, 0.5950,
0.3160

 95.0121, 0.2982,
0.3324

■ 16.6881, 0.6223,
0.3215

■ 95.2293, 0.2964,
0.3290

■ 16.5768, 0.6262,
0.3223

Harmonies

Analogous

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



37.8107, 0.3478, 0.2798



37.8107, 0.3948, 0.3164



37.8107, 0.4177, 0.3579

Triad

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



37.8107, 0.3948, 0.3164



37.8107, 0.3243, 0.4205



37.8107, 0.2228, 0.2551

Complementary

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



37.8107, 0.3948, 0.3164



66.1458, 0.2654, 0.3425

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.



37.8107, 0.2180, 0.2859



37.8107, 0.3948, 0.3164



37.8107, 0.2737, 0.3868

Square

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



37.8107, 0.3948, 0.3164



37.8107, 0.3742, 0.4220



37.8107, 0.2356, 0.3344



37.8107, 0.2493, 0.2451

Rectangle

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



37.8107, 0.3948, 0.3164



37.8107, 0.4155, 0.3847



37.8107, 0.2356, 0.3344



37.8107, 0.2187, 0.2630

Sweetspot

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



37.8125, 0.3948, 0.3164



81.9114, 0.3301, 0.3255



39.3130, 0.3065, 0.2319



17.0956, 0.3325, 0.3251



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.



37.8125, 0.3948, 0.3164



41.6342, 0.4222, 0.3139



48.2635, 0.3925, 0.3662



14.3974, 0.3273, 0.3261



9.5842, 0.6237, 0.3209



0.7179, 0.5915, 0.3032

Inverse Universe

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



37.8125, 0.3948, 0.3164



41.6342, 0.4222, 0.3139



50.7852, 0.2537, 0.2880



14.3974, 0.3273, 0.3261



9.5842, 0.6237, 0.3209



0.7179, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 37.8107, 0.3948, 0.3164 looks on a white background.

Color Contrast Check

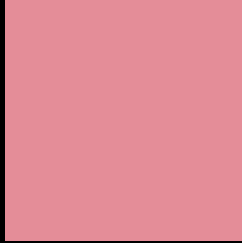
Large Text (above 18pt) WCAG AA × Fail

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 37.8107, 0.3948, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

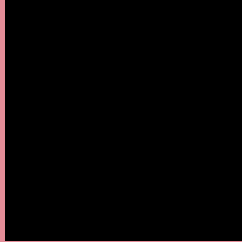
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8107, 0.3948, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 37.8107, 0.3948, 0.3164.



This preview shows how white text looks on a background with the Yxy color 37.8107, 0.3948, 0.3164.

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

37.8107, 0.3948, 0.3164

Protanopia

38.0619, 0.3165, 0.3290

Deuteranopia

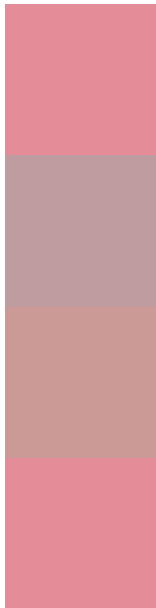
38.0029, 0.3507, 0.3440



Tritanopia

37.8107, 0.3948, 0.3164

Trichromacy



Original Color

37.8107, 0.3948, 0.3164

Protanomaly

37.2621, 0.3429, 0.3237

Deuteranomaly

37.6810, 0.3670, 0.3330

Tritanomaly

37.8107, 0.3948, 0.3164

Monochromacy



Original Color

37.8107, 0.3948, 0.3164

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.0095, 0.3406, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8107, 0.3948, 0.3164 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(228, 141, 152)` looks like.

```
.text, #text, p{  
    color:rgb(228, 141, 152)  
}
```

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(228, 141, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 141, 152) }
```

Border

The CSS property to change the border of an element to Yxy 37.8107, 0.3948, 0.3164 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(228, 141, 152) }
```

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

```
.border{ border-color:rgb(228, 141, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 141, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 141, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 141, 152); box-shadow:4px 4px 4px 4px rgb(228, 141, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8107, 0.3948, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 141, 152) }
```

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

```
.background{ background-color: rgb(228,  
141, 152) }
```

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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