

# Converting Colors

$Yxy(38.0029, 0.4127, 0.3282)$

Have a look what the booklet for  
Yxy(38.0029, 0.4127, 0.3282)  
contains.

<b>Yxy(38.0029, 0.4127, 0.3282)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(38.0029, 0.4127, 0.3282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E98C8D
RGB	233, 140, 141
RGB Percent	91%, 55%, 55%
CMY	0.0863, 0.4509, 0.4472
CMYK	0.00, 0.40, 0.39, 0.09
HSL	359°, 68%, 73%
HSV	359°, 40%, 91%
XYZ	47.7873, 38.0029, 30.0017
YIQ	167.9210, 55.1070, 20.0270

# Conversions

## Conversions Part 2

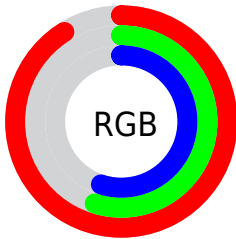
Format	Color
R <sub>Y</sub> B	233, 140, 141
Decimal	15305869
CIE Lab	68.02, 35.42, 14.72
CIE LCh	68, 38.354, 22.573
Yxy	38.0029, 0.4127, 0.3282
Android (android.graphics.Color)	4293495949 (0xFFE98C8D)
YUV	167.9210, -13.2721, 57.0743
Hunter-Lab	61.6465, 30.4888, 14.2977

# Details

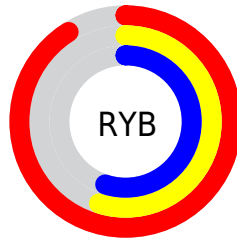
The Yxy color **38.0029, 0.4127, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.6816, 0.2582, 0.3300**, and the grayscale version is **39.1635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2303, 0.3618, 0.3291**, and **16.8487, 0.4448, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **31.2844, 0.4530, 0.3281**, and if you desaturate by 10%, it is **46.3095, 0.3791, 0.3284**.

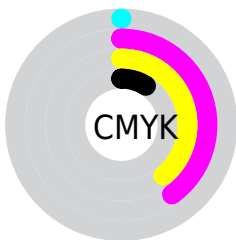
# Distribution



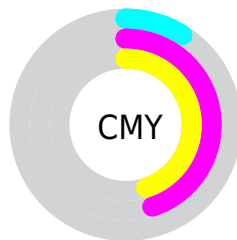
- Red (91%)
- Green (55%)
- Blue (55%)



- Red (91%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (45%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 38.0029, 0.4127, 0.3282 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 38.0029, 0.4127, 0.3282 by changing the saturation by 10% instead.





 38.0029, 0.4127,  
0.3282


 38.0029, 0.4127,  
0.3282


337.6324, 0.3605,  
0.3303


 25.9849, 0.4263,  
0.3271


 72.1126, 0.3933,  
0.3294

 16.8124, 0.4442,  
0.3253


 94.9731, 0.3861,  
0.3297

 10.1008, 0.4684,  
0.3222


 122.2166, 0.3801,  
0.3299

 5.4658, 0.5028,  
0.3166

154.2274, 0.3750,  
0.3300

 2.5231, 0.5551,  
0.3052

191.3900, 0.3706,  
0.3301

 0.8882, 0.6967,  
0.3033

234.0888, 0.3668,


 0.0000, 1.0000,


0.3302


0.0000


282.7081, 0.3635,  
0.3302


 0.0000, 0.0000,  
0.0000


 38.0029, 0.4127,  
0.3282


 38.0029, 0.4127,  
0.3282


 31.2844, 0.4530,  
0.3281


 46.3095, 0.3791,  
0.3284


 26.0478, 0.4990,  
0.3281


 56.2906, 0.3518,  
0.3286


 22.1826, 0.5470,  
0.3283

 68.0329, 0.3300,  
0.3288

 19.5607, 0.5908,  
0.3286

 81.6154, 0.3126,  
0.3290

 18.0296, 0.6226,  
0.3292

 96.0632, 0.2993,  
0.3290

■ 17.3335, 0.6391,  
0.3295

■ 17.3285, 0.6393,  
0.3295

# Harmonies

## Analogous

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



38.0029, 0.3678, 0.2868



38.0029, 0.4127, 0.3282



38.0029, 0.4273, 0.3728

# Triad

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



38.0029, 0.4127, 0.3282



38.0029, 0.3077, 0.4213



38.0029, 0.2223, 0.2437

# Complementary

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



38.0029, 0.4127, 0.3282



69.6816, 0.2582, 0.3300

# 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.



38.0029, 0.2099, 0.2696



38.0029, 0.4127, 0.3282



38.0029, 0.2559, 0.3756

# Square

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



38.0029, 0.4127, 0.3282



38.0029, 0.3635, 0.4331



38.0029, 0.2213, 0.3171



38.0029, 0.2569, 0.2398



# Rectangle

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



38.0029, 0.4127, 0.3282



38.0029, 0.4178, 0.4003



38.0029, 0.2213, 0.3171



38.0029, 0.2156, 0.2498

# Sweetspot

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



38.0048, 0.4127, 0.3282



80.2072, 0.3343, 0.3288



41.7061, 0.3159, 0.2304



16.7491, 0.3370, 0.3287



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.



38.0048, 0.4127, 0.3282



39.6429, 0.4458, 0.3281



53.8960, 0.3925, 0.3799



15.0566, 0.3291, 0.3288



9.8339, 0.6390, 0.3294



0.7731, 0.6359, 0.3277



# Inverse Universe

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



38.0048, 0.4127, 0.3282



39.6429, 0.4458, 0.3281



47.4491, 0.2488, 0.2713



15.0566, 0.3291, 0.3288



9.8339, 0.6390, 0.3294



0.7731, 0.6359, 0.3277



# Previews

## White Background



This preview shows how the Yxy color 38.0029, 0.4127, 0.3282 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 38.0029, 0.4127, 0.3282 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 38.0029, 0.4127, 0.3282**

## Background



This preview shows how black text looks on a background with the Yxy color 38.0029, 0.4127, 0.3282.



This preview shows how white text looks on a background with the Yxy color 38.0029, 0.4127, 0.3282.

# 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**

38.0029, 0.4127, 0.3282

**Protanopia**

38.3762, 0.3289, 0.3460

**Deuteranopia**

38.1542, 0.3664, 0.3601



## Tritanopia

38.1276, 0.4051, 0.3179

# Trichromacy



## Original Color

38.0029, 0.4127, 0.3282

## Protanomaly

37.7532, 0.3576, 0.3398

## Deuteranomaly

37.8828, 0.3835, 0.3483

## Tritanomaly

38.0330, 0.4085, 0.3213

# Monochromacy



## Original Color

38.0029, 0.4127, 0.3282

## Achromatopsia

39.1572, 0.3127, 0.3290

## Achromatomaly

38.1288, 0.3464, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 38.0029, 0.4127, 0.3282 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(233, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(233, 140, 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(233, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 140, 141) }
```

## Border

The CSS property to change the border of an element to Yxy 38.0029, 0.4127, 0.3282 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(233, 140, 141) }
```

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

```
.border{ border-color:rgb(233, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(233, 140,  
141) }
```



# Background

The CSS property to change the background color of an element to Yxy 38.0029, 0.4127, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 140, 141) }
```

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

```
.background{ background-color: rgb(233,  
140, 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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