

Converting Colors

Yxy(38.2480, 0.3944, 0.3200)

Have a look what the booklet for
Yxy(38.2480, 0.3944, 0.3200)
contains.

Yxy(38.2102, 0.3941, 0.3198)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.2102, 0.3941, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	E38F97
RGB	227, 143, 151
RGB Percent	89%, 56%, 59%
CMY	0.1098, 0.4392, 0.4077
CMYK	0.00, 0.37, 0.33, 0.11
HSL	354°, 60%, 73%
HSV	354°, 37%, 89%
XYZ	47.0877, 38.2102, 34.1837
YIQ	169.0280, 47.4960, 20.2960

Conversions

Conversions Part 2

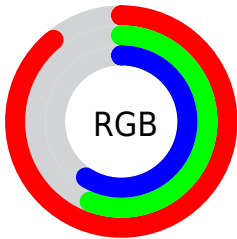
Format	Color
R_{YB}	227, 143, 151
Decimal	14913431
CIE Lab	68.18, 32.81, 9.20
CIE LCh	68, 34.074, 15.663
Yxy	38.2102, 0.3941, 0.3198
Android (android.graphics.Color)	4293103511 (0xFFE38F97)
YUV	169.0280, -8.8878, 50.8414
Hunter-Lab	61.8144, 27.7988, 10.4824

Details

The Yxy color **38.2102, 0.3941, 0.3198** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.8888, 0.2652, 0.3388**, and the grayscale version is **39.7198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0559, 0.3531, 0.3219**, and **16.8373, 0.4198, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **31.4619, 0.4289, 0.3175**, and if you desaturate by 10%, it is **46.4572, 0.3654, 0.3223**.

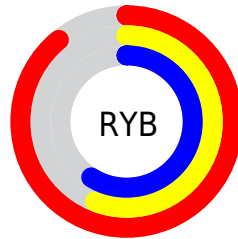
Distribution



Red (89%)

Green (56%)

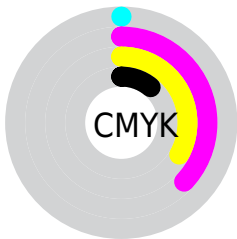
Blue (59%)



Red (89%)

Yellow (56%)

Blue (59%)

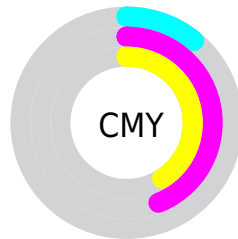


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (11%)



Cyan (11%)


Magenta (44%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2102, 0.3941, 0.3198 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 38.2102, 0.3941, 0.3198 by changing the saturation by 10% instead.


 38.2102, 0.3941,
0.3198

 38.2102, 0.3941,
0.3198


338.5208, 0.3517,
0.3255

 26.1459, 0.4052,
0.3180


 72.4302, 0.3783,
0.3221

 16.9328, 0.4197,
0.3155

 95.3547, 0.3725,
0.3229

 10.1866, 0.4396,
0.3117


122.6680, 0.3676,
0.3236

 5.5228, 0.4681,
0.3057

154.7545, 0.3635,
0.3241

 2.5572, 0.5123,
0.2948

191.9987, 0.3599,
0.3245

 0.9052, 0.6106,
0.2826

234.7848, 0.3568,


 0.0000, 1.0000,


0.3249


0.0000

283.4974, 0.3541,
0.3252


 0.0000, 0.0000,
0.0000

 38.2102, 0.3941,
0.3198


 38.2102, 0.3941,
0.3198

 31.4619, 0.4289,
0.3175


 46.4572, 0.3654,
0.3223


 26.1171, 0.4696,
0.3159


 56.2795, 0.3422,
0.3249

 22.0783, 0.5144,
0.3154

 67.7554, 0.3235,
0.3274

 19.2332, 0.5594,
0.3166

 80.9561, 0.3086,
0.3297

 17.4505, 0.5983,
0.3196

 94.9857, 0.2965,
0.3303

■ 16.5610, 0.6252,
0.3240

■ 95.0702, 0.2958,
0.3290

■ 16.3869, 0.6309,
0.3249

Harmonies

Analogous

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



38.2102, 0.3502, 0.2837



38.2102, 0.3941, 0.3198



38.2102, 0.4141, 0.3600

Triad

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



38.2102, 0.3941, 0.3198



38.2102, 0.3205, 0.4154



38.2102, 0.2271, 0.2564

Complementary

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



38.2102, 0.3941, 0.3198



65.8888, 0.2652, 0.3388

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.



38.2102, 0.2209, 0.2849



38.2102, 0.3941, 0.3198



38.2102, 0.2721, 0.3811

Square

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



38.2102, 0.3941, 0.3198



38.2102, 0.3690, 0.4193



38.2102, 0.2365, 0.3306



38.2102, 0.2542, 0.2481

Rectangle

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



38.2102, 0.3941, 0.3198



38.2102, 0.4106, 0.3855



38.2102, 0.2365, 0.3306



38.2102, 0.2227, 0.2637

Sweetspot

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



38.2121, 0.3941, 0.3198



81.8632, 0.3306, 0.3264



40.1899, 0.3094, 0.2356



17.0842, 0.3332, 0.3261



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.



38.2121, 0.3941, 0.3198



43.1620, 0.4188, 0.3181



49.6006, 0.3882, 0.3683



14.3902, 0.3277, 0.3268



9.5649, 0.6288, 0.3238



0.7145, 0.6023, 0.3092

Inverse Universe

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



38.2121, 0.3941, 0.3198



43.1620, 0.4188, 0.3181



49.7027, 0.2549, 0.2857



14.3902, 0.3277, 0.3268



9.5649, 0.6288, 0.3238



0.7145, 0.6023, 0.3092

Previews

White Background



This preview shows how the Yxy color 38.2102, 0.3941, 0.3198 looks on a white background.

Color Contrast Check

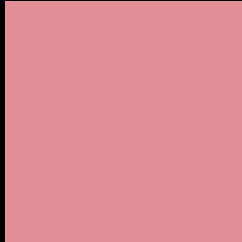
Large Text (above 18pt) WCAG AA × Fail

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 38.2102, 0.3941, 0.3198 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 38.2102, 0.3941, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 38.2102, 0.3941, 0.3198.



This preview shows how white text looks on a background with the Yxy color 38.2102, 0.3941, 0.3198.

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

38.2102, 0.3941, 0.3198

Protanopia

38.4628, 0.3190, 0.3332

Deuteranopia

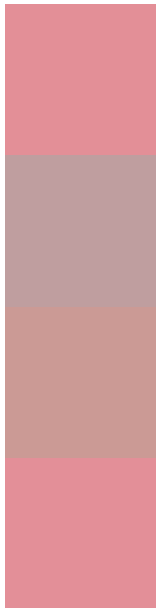
38.4467, 0.3524, 0.3467



Tritanopia

38.2757, 0.3919, 0.3175

Trichromacy



Original Color

38.2102, 0.3941, 0.3198

Protanomaly

38.0333, 0.3445, 0.3278

Deuteranomaly

37.9776, 0.3677, 0.3356

Tritanomaly

38.2428, 0.3930, 0.3187

Monochromacy



Original Color

38.2102, 0.3941, 0.3198

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.6974, 0.3402, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2102, 0.3941, 0.3198 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(227, 143, 151)` looks like.

```
.text, #text, p{  
    color:rgb(227, 143, 151)  
}
```

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(227, 143, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 143, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.2102, 0.3941, 0.3198 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(227, 143, 151) }
```

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

```
.border{ border-color:rgb(227, 143, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 143, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 143, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 143, 151);  
box-shadow:4px 4px 4px 4px rgb(227, 143,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2102, 0.3941, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 143, 151) }
```

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

```
.background{ background-color: rgb(227,  
143, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor