

Converting Colors

$Yxy(38.1603, 0.4403, 0.3486)$

Have a look what the booklet for
Yxy(38.1603, 0.4403, 0.3486)
contains.

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Color

Yxy(38.2211, 0.4403, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	EF8B7A
RGB	239, 139, 122
RGB Percent	94%, 55%, 48%
CMY	0.0627, 0.4549, 0.5217
CMYK	0.00, 0.42, 0.49, 0.06
HSL	9°, 79%, 71%
HSV	9°, 49%, 94%
XYZ	48.3446, 38.2211, 23.2335
YIQ	166.9620, 65.0570, 15.9130

Conversions

Conversions Part 2

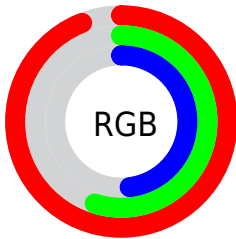
Format	Color
R _Y B	239, 142, 122
Decimal	15698810
CIE Lab	68.18, 36.26, 25.63
CIE LCh	68, 44.407, 35.252
Yxy	38.2211, 0.4403, 0.3481
Android (android.graphics.Color)	4293888890 (0xFFEF8B7A)
YUV	166.9620, -22.1663, 63.1773
Hunter-Lab	61.8232, 31.3930, 20.9947

Details

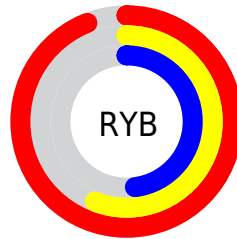
The Yxy color **38.2211, 0.4403, 0.3481** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6063, 0.2444, 0.3077**, and the grayscale version is **38.7105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9387, 0.3786, 0.3490**, and **16.8811, 0.4792, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **32.3293, 0.4813, 0.3508**, and if you desaturate by 10%, it is **45.3674, 0.4043, 0.3444**.

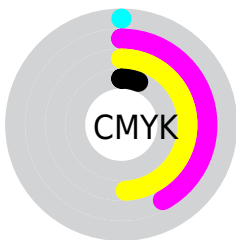
Distribution



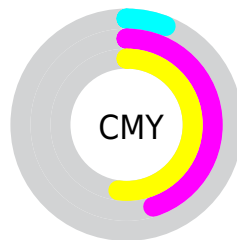
- Red (94%)
- Green (55%)
- Blue (48%)



- Red (94%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (42%)
- Yellow (49%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2211, 0.4403, 0.3481 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 38.2211, 0.4403, 0.3481 by changing the saturation by 10% instead.


 38.2211, 0.4403,
0.3481

 38.2211, 0.4403,
0.3481


338.5675, 0.3739,
0.3415

 26.1543, 0.4573,
0.3486


 72.4469, 0.4158,
0.3465

 16.9391, 0.4793,
0.3485


 95.3747, 0.4067,
0.3457

 10.1911, 0.5086,
0.3470


 122.6917, 0.3990,
0.3449

 5.5259, 0.5488,
0.3423

154.7822, 0.3925,
0.3441

 2.5590, 0.6140,
0.3338

192.0306, 0.3869,
0.3434

 0.9061, 0.6995,
0.3005

234.8214, 0.3820,

 0.0000, 1.0000,

0.3427

0.0000

283.5389, 0.3777,
0.3421

■ 0.0000, 0.0000,
0.0000

■ 38.2211, 0.4403,
0.3481

■ 38.2211, 0.4403,
0.3481

■ 32.3293, 0.4813,
0.3508

■ 45.3674, 0.4043,
0.3444

■ 27.6135, 0.5251,
0.3517

■ 53.8290, 0.3739,
0.3404

■ 23.9958, 0.5676,
0.3502


■ 63.6698, 0.3487,
0.3363


■ 21.3856, 0.6029,
0.3459

■ 74.9476, 0.3280,
0.3323

■ 19.6741, 0.6264,
0.3398

■ 87.7172, 0.3111,
0.3286

 19.5416, 0.6284,
0.3393

 97.0933, 0.3029,
0.3290

Harmonies

Analogous

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



38.2211, 0.4016, 0.2992



38.2211, 0.4403, 0.3481



38.2211, 0.4392, 0.3977

Triad

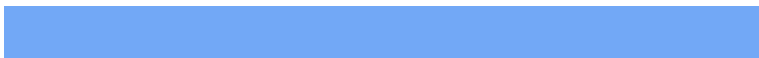
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.2211, 0.4403, 0.3481



38.2211, 0.2794, 0.4185



38.2211, 0.2233, 0.2272

Complementary

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



38.2211, 0.4403, 0.3481



62.6063, 0.2444, 0.3077

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.



38.2211, 0.1988, 0.2449



38.2211, 0.4403, 0.3481



38.2211, 0.2277, 0.3538

Square

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



38.2211, 0.4403, 0.3481



38.2211, 0.3433, 0.4499



38.2211, 0.1999, 0.2885



38.2211, 0.2718, 0.2330

Rectangle

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



38.2211, 0.4403, 0.3481



38.2211, 0.4177, 0.4264



38.2211, 0.1999, 0.2885



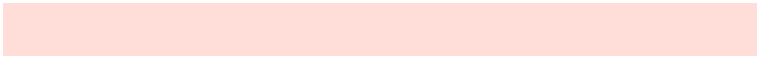
38.2211, 0.2124, 0.2304

Sweetspot

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



38.2230, 0.4403, 0.3481



78.6661, 0.3401, 0.3347



37.6163, 0.3330, 0.2240



16.2628, 0.3446, 0.3355



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.



38.2230, 0.4403, 0.3481



37.3036, 0.4823, 0.3508



59.2830, 0.4063, 0.4091



16.1297, 0.3290, 0.3325



10.9115, 0.6264, 0.3408



1.0208, 0.6049, 0.3579

Inverse Universe

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



62.6063, 0.2444, 0.3077



68.5397, 0.2339, 0.3025



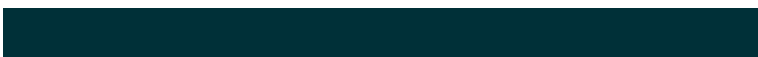
37.2393, 0.2298, 0.2310



17.5141, 0.2981, 0.3255



27.5221, 0.2117, 0.2822



2.3955, 0.2136, 0.2890

Previews

White Background



This preview shows how the Yxy color 38.2211, 0.4403, 0.3481 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 38.2211, 0.4403, 0.3481 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 38.2211, 0.4403, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 38.2211, 0.4403, 0.3481.



This preview shows how white text looks on a background with the Yxy color 38.2211, 0.4403, 0.3481.

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

38.2211, 0.4403, 0.3481

Protanopia

38.3408, 0.3520, 0.3742

Deuteranopia

38.4554, 0.3910, 0.3842



Tritanopia

38.3844, 0.4168, 0.3183

Trichromacy



Original Color

38.2211, 0.4403, 0.3481

Protanomaly

37.6680, 0.3832, 0.3632

Deuteranomaly

37.9345, 0.4098, 0.3701

Tritanomaly

38.2227, 0.4256, 0.3293

Monochromacy



Original Color

38.2211, 0.4403, 0.3481

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6858, 0.3546, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2211, 0.4403, 0.3481 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(239, 139, 122)` looks like.

```
.text, #text, p{  
    color:rgb(239, 139, 122)  
}
```

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(239, 139, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 139, 122) }
```

Border

The CSS property to change the border of an element to Yxy 38.2211, 0.4403, 0.3481 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(239, 139, 122) }
```

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

```
.border{ border-color:rgb(239, 139, 122) }
```

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

Here you see how a box with a 4 pixel rgb(239, 139, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 139, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 139, 122);  
box-shadow:4px 4px 4px 4px rgb(239, 139,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2211, 0.4403, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 139, 122) }
```

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

```
.background{ background-color: rgb(239,  
139, 122) }
```

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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