

Converting Colors

$Y_{xy}(38.9260, 0.4398, 0.3382)$

Have a look what the booklet for
Yxy(38.9260, 0.4398, 0.3382)
contains.

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Color

Yxy(38.8888, 0.4394, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	F58981
RGB	245, 137, 129
RGB Percent	96%, 54%, 51%
CMY	0.0394, 0.4626, 0.4941
CMYK	0.00, 0.44, 0.47, 0.04
HSL	4°, 85%, 73%
HSV	4°, 47%, 96%
XYZ	50.5554, 38.8888, 25.6114
YIQ	168.3800, 66.9360, 20.4080

Conversions

Conversions Part 2

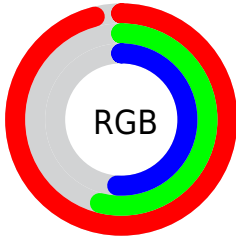
Format	Color
R_{YB}	245, 138, 129
Decimal	16091521
CIE _{Lab}	68.67, 40.16, 22.53
CIE _{LCh}	69, 46.043, 29.290
Yxy	38.8888, 0.4394, 0.3380
Android (android.graphics.Color)	4294281601 (0xFFFF58981)
YUV	168.3800, -19.4143, 67.1957
Hunter-Lab	62.3609, 35.5769, 19.3024

Details

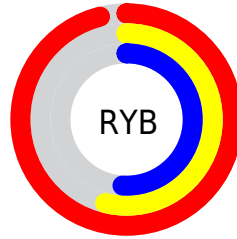
The Yxy color **38.8888, 0.4394, 0.3380** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.7911, 0.2481, 0.3193**, and the grayscale version is **39.4298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3367, 0.3734, 0.3396**, and **17.3905, 0.4775, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **32.5021, 0.4825, 0.3393**, and if you desaturate by 10%, it is **46.8054, 0.4021, 0.3362**.

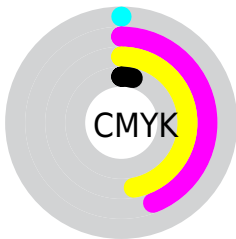
Distribution



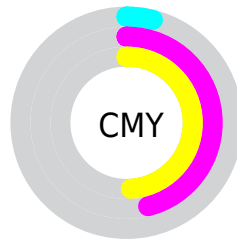
- Red (96%)
- Green (54%)
- Blue (51%)



- Red (96%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (4%)





- Cyan (4%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8888, 0.4394, 0.3380 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 38.8888, 0.4394, 0.3380 by changing the saturation by 10% instead.


 38.8888, 0.4394,
0.3380


 38.8888, 0.4394,
0.3380


341.4175, 0.3736,
0.3363


 26.6732, 0.4563,
0.3374


 73.4684, 0.4151,
0.3381

 17.3280, 0.4782,
0.3360


 96.6012, 0.4060,
0.3380

 10.4686, 0.5073,
0.3329


 124.1420, 0.3985,
0.3377

 5.7107, 0.5477,
0.3264

156.4749, 0.3920,
0.3375

 2.6700, 0.6077,
0.3131

193.9846, 0.3865,
0.3372

 0.9620, 0.7131,
0.2869

237.0553, 0.3816,

 0.0000, 1.0000,

0.3369

0.0000

286.0715, 0.3774,
0.3366

■ 0.0000, 0.0000,
0.0000

■ 38.8888, 0.4394,
0.3380

■ 38.8888, 0.4394,
0.3380

■ 32.5021, 0.4825,
0.3393

■ 46.8054, 0.4021,
0.3362

■ 27.5408, 0.5289,
0.3398

■ 56.3354, 0.3710,
0.3342

■ 23.8973, 0.5737,
0.3389

■ 67.5636, 0.3456,
0.3322

■ 21.4455, 0.6101,
0.3367

■ 80.5670, 0.3252,
0.3303

■ 20.0342, 0.6323,
0.3335

■ 95.4179, 0.3087,
0.3286

 19.8056, 0.6363,
0.3330

 98.1462, 0.3066,
0.3290

Harmonies

Analogous

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



38.8888, 0.3924, 0.2891



38.8888, 0.4394, 0.3380



38.8888, 0.4464, 0.3894

Triad

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



38.8888, 0.4394, 0.3380



38.8888, 0.2908, 0.4317



38.8888, 0.2138, 0.2260

Complementary

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



38.8888, 0.4394, 0.3380



71.7911, 0.2481, 0.3193

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.



38.8888, 0.1939, 0.2491



38.8888, 0.4394, 0.3380



38.8888, 0.2340, 0.3690

Square

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



38.8888, 0.4394, 0.3380



38.8888, 0.3569, 0.4546



38.8888, 0.2003, 0.2990



38.8888, 0.2588, 0.2275

Rectangle

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



38.8888, 0.4394, 0.3380



38.8888, 0.4287, 0.4207



38.8888, 0.2003, 0.2990



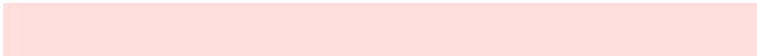
38.8888, 0.2043, 0.2308

Sweetspot

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



38.8908, 0.4394, 0.3380



78.5111, 0.3384, 0.3316



41.2357, 0.3250, 0.2204



16.1708, 0.3431, 0.3320



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.



38.8908, 0.4394, 0.3380



35.7413, 0.4815, 0.3393



59.8938, 0.4069, 0.3991



16.6665, 0.3292, 0.3307



10.7428, 0.6351, 0.3340



1.0073, 0.6230, 0.3435

Inverse Universe

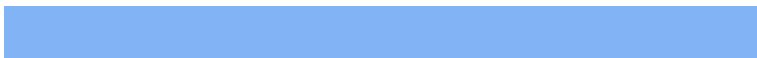
The Inverse Universe completely reimagines the original color for something new.



71.7911, 0.2481, 0.3193



75.7814, 0.2387, 0.3170



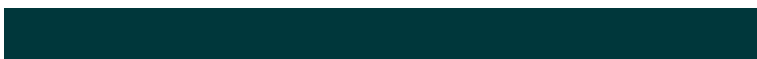
43.5997, 0.2344, 0.2451



18.5499, 0.2981, 0.3273



33.5411, 0.2187, 0.3072



3.0058, 0.2195, 0.3102

Previews

White Background



This preview shows how the Yxy color 38.8888, 0.4394, 0.3380 looks on a white background.

Color Contrast Check

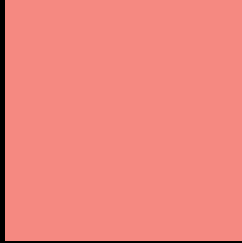
Large Text (above 18pt) WCAG AA × Fail

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 38.8888, 0.4394, 0.3380 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 38.8888, 0.4394, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 38.8888, 0.4394, 0.3380.



This preview shows how white text looks on a background with the Yxy color 38.8888, 0.4394, 0.3380.

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

38.8888, 0.4394, 0.3380

Protanopia

39.3355, 0.3433, 0.3640

Deuteranopia

38.9762, 0.3838, 0.3764



Tritanopia

38.9344, 0.4245, 0.3196

Trichromacy



Original Color

38.8888, 0.4394, 0.3380

Protanomaly

38.5055, 0.3768, 0.3538

Deuteranomaly

38.4099, 0.4046, 0.3613

Tritanomaly

39.0652, 0.4297, 0.3261

Monochromacy



Original Color

38.8888, 0.4394, 0.3380

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1828, 0.3546, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8888, 0.4394, 0.3380 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(245, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(245, 137, 129)  
}
```

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(245, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 137, 129) }
```

Border

The CSS property to change the border of an element to Yxy 38.8888, 0.4394, 0.3380 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(245, 137, 129) }
```

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

```
.border{ border-color:rgb(245, 137, 129) }
```

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

Here you see how a box with a 4 pixel rgb(245, 137, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(245, 137,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8888, 0.4394, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 137, 129) }
```

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

```
.background{ background-color: rgb(245,  
137, 129) }
```

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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