

Converting Colors

Yxy(38.2468, 0.4440, 0.3390)

Have a look what the booklet for
Yxy(38.2468, 0.4440, 0.3390)
contains.

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Color

Yxy(38.2468, 0.4440, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	F5877E
RGB	245, 135, 126
RGB Percent	96%, 53%, 49%
CMY	0.0391, 0.4706, 0.5059
CMYK	0.00, 0.45, 0.49, 0.04
HSL	5°, 86%, 73%
HSV	5°, 49%, 96%
XYZ	50.0932, 38.2468, 24.4825
YIQ	166.8640, 68.4490, 20.5210

Conversions

Conversions Part 2

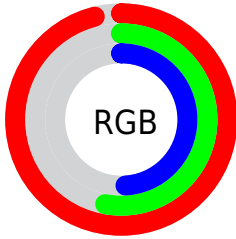
Format	Color
RYB	245, 136, 126
Decimal	16091006
CIELab	68.20, 40.94, 23.56
CIELCh	68, 47.233, 29.920
Yxy	38.2468, 0.4440, 0.3390
Android (android.graphics.Color)	4294281086 (0xFFFF5877E)
YUV	166.8640, -20.1460, 68.5253
Hunter-Lab	61.8440, 36.3566, 19.8194

Details

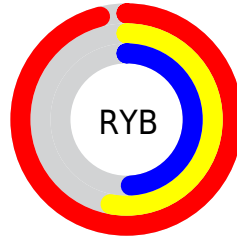
The Yxy color **38.2468, 0.4440, 0.3390** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.0455, 0.2467, 0.3181**, and the grayscale version is **38.6493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3416, 0.3765, 0.3407**, and **17.0366, 0.4840, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **32.0294, 0.4874, 0.3404**, and if you desaturate by 10%, it is **45.9677, 0.4061, 0.3371**.

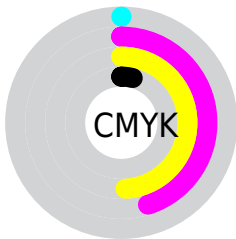
Distribution



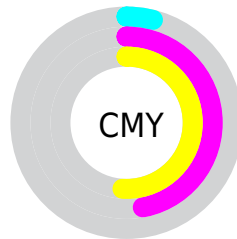
- Red (96%)
- Green (53%)
- Blue (49%)



- Red (96%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2468, 0.4440, 0.3390 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 38.2468, 0.4440, 0.3390 by changing the saturation by 10% instead.


 38.2468, 0.4440,
0.3390

 38.2468, 0.4440,
0.3390

338.6775, 0.3757,
0.3371


 26.1743, 0.4616,
0.3384


 72.4863, 0.4187,
0.3391

 16.9541, 0.4843,
0.3368


 95.4220, 0.4093,
0.3389

 10.2018, 0.5146,
0.3335


 122.7476, 0.4015,
0.3386

 5.5329, 0.5563,
0.3264

154.8475, 0.3948,
0.3383

 2.5632, 0.6203,
0.3129

192.1060, 0.3890,
0.3380

 0.9082, 0.7196,
0.2804

234.9076, 0.3840,


 0.0000, 1.0000,


0.3377


0.0000

283.6366, 0.3796,
0.3374


 0.0000, 0.0000,
0.0000


 38.2468, 0.4440,
0.3390


 38.2468, 0.4440,
0.3390

 32.0294, 0.4874,
0.3404


 45.9677, 0.4061,
0.3371


 27.2121, 0.5338,
0.3407


 55.2749, 0.3744,
0.3349


 23.6875, 0.5779,
0.3396

 66.2524, 0.3484,
0.3327


 21.3306, 0.6129,
0.3370

 78.9765, 0.3275,
0.3307

 19.9882, 0.6337,
0.3336

 93.5187, 0.3105,
0.3287

 19.8660, 0.6358,
0.3334

 98.1572, 0.3066,
0.3290

Harmonies

Analogous

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



38.2468, 0.3963, 0.2888



38.2468, 0.4440, 0.3390



38.2468, 0.4501, 0.3917

Triad

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



38.2468, 0.4440, 0.3390



38.2468, 0.2885, 0.4343



38.2468, 0.2118, 0.2230

Complementary

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



38.2468, 0.4440, 0.3390



71.0455, 0.2467, 0.3181

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.



38.2468, 0.1908, 0.2458



38.2468, 0.4440, 0.3390



38.2468, 0.2306, 0.3686

Square

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



38.2468, 0.4440, 0.3390



38.2468, 0.3565, 0.4587



38.2468, 0.1968, 0.2964



38.2468, 0.2584, 0.2251

Rectangle

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



38.2468, 0.4440, 0.3390



38.2468, 0.4311, 0.4239



38.2468, 0.1968, 0.2964



38.2468, 0.2019, 0.2276

Sweetspot

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



38.2488, 0.4440, 0.3390



77.2529, 0.3405, 0.3320



40.4602, 0.3254, 0.2179



15.9276, 0.3452, 0.3324



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.



38.2488, 0.4440, 0.3390



35.3427, 0.4854, 0.3403



59.2632, 0.4099, 0.4008



16.6833, 0.3292, 0.3308



10.7733, 0.6345, 0.3344



1.0152, 0.6216, 0.3447

Inverse Universe

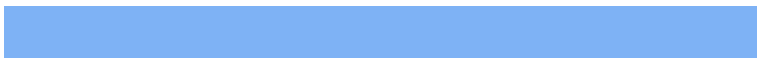
The Inverse Universe completely reimagines the original color for something new.



71.0455, 0.2467, 0.3181



74.9549, 0.2376, 0.3156



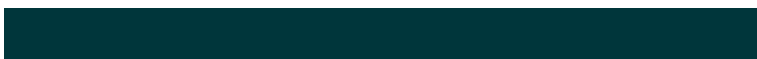
42.7047, 0.2324, 0.2425



18.5311, 0.2981, 0.3271



33.0943, 0.2181, 0.3052



2.9713, 0.2190, 0.3084

Previews

White Background



This preview shows how the Yxy color 38.2468, 0.4440, 0.3390 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 38.2468, 0.4440, 0.3390 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 38.2468, 0.4440, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 38.2468, 0.4440, 0.3390.



This preview shows how white text looks on a background with the Yxy color 38.2468, 0.4440, 0.3390.

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

38.2468, 0.4440, 0.3390

Protanopia

38.4256, 0.3446, 0.3643

Deuteranopia

38.4171, 0.3861, 0.3793



Tritanopia

38.3209, 0.4277, 0.3197

Trichromacy



Original Color

38.2468, 0.4440, 0.3390

Protanomaly

37.6378, 0.3786, 0.3540

Deuteranomaly

37.8594, 0.4073, 0.3639

Tritanomaly

38.4206, 0.4341, 0.3272

Monochromacy



Original Color

38.2468, 0.4440, 0.3390

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.3118, 0.3562, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2468, 0.4440, 0.3390 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, 135, 126)` looks like.

```
.text, #text, p{  
    color:rgb(245, 135, 126)  
}
```

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, 135, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 135, 126) }
```

Border

The CSS property to change the border of an element to Yxy 38.2468, 0.4440, 0.3390 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, 135, 126) }
```

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

```
.border{ border-color:rgb(245, 135, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 135, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 135, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 135, 126);  
box-shadow:4px 4px 4px 4px rgb(245, 135,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2468, 0.4440, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 135, 126) }
```

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

```
.background{ background-color: rgb(245,  
135, 126) }
```

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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