

Converting Colors

Yxy(38.1085, 0.4218, 0.3130)

Have a look what the booklet for
Yxy(38.1085, 0.4218, 0.3130)
contains.

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Color

Yxy(38.2019, 0.4224, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	F68493
RGB	246, 132, 147
RGB Percent	96%, 52%, 58%
CMY	0.0353, 0.4823, 0.4236
CMYK	0.00, 0.46, 0.40, 0.04
HSL	352°, 86%, 74%
HSV	352°, 46%, 96%
XYZ	51.5213, 38.2019, 32.2496
YIQ	167.7960, 63.1290, 28.8330

Conversions

Conversions Part 2

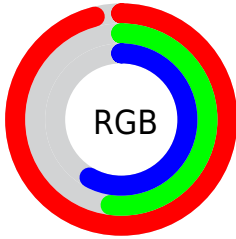
Format	Color
RYB	246, 132, 147
Decimal	16155795
CIELab	68.17, 44.88, 11.80
CIELCh	68, 46.408, 14.733
Yxy	38.2019, 0.4224, 0.3132
Android (android.graphics.Color)	4294345875 (0xFFFF68493)
YUV	167.7960, -10.2524, 68.5849
Hunter-Lab	61.8077, 40.6297, 12.3294

Details

The Yxy color **38.2019, 0.4224, 0.3132** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.5885, 0.2576, 0.3467**, and the grayscale version is **39.0815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0177, 0.3586, 0.3146**, and **16.8941, 0.4554, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **31.6900, 0.4613, 0.3108**, and if you desaturate by 10%, it is **46.4151, 0.3893, 0.3164**.

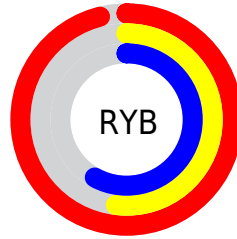
Distribution



Red (96%)

Green (52%)

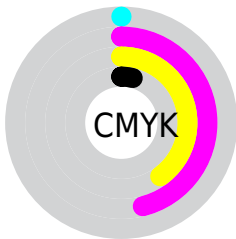
Blue (58%)



Red (96%)

Yellow (52%)

Blue (58%)

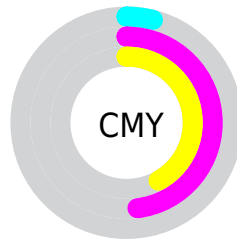


Cyan (0%)

Magenta (46%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2019, 0.4224, 0.3132 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 38.2019, 0.4224, 0.3132 by changing the saturation by 10% instead.


 38.2019, 0.4224,
0.3132


 38.2019, 0.4224,
0.3132


338.4853, 0.3653,
0.3229


 26.1394, 0.4372,
0.3102


 72.4175, 0.4012,
0.3172

 16.9280, 0.4566,
0.3059


 95.3394, 0.3934,
0.3185

 10.1832, 0.4827,
0.2997


 122.6499, 0.3868,
0.3196

 5.5206, 0.5198,
0.2898

154.7334, 0.3812,
0.3205

 2.5558, 0.5756,
0.2726

191.9743, 0.3764,
0.3213

 0.9045, 0.7030,
0.2525

234.7570, 0.3722,

 0.0000, 1.0000,

0.3219

0.0000

283.4658, 0.3686,
0.3224

0.0000, 0.0000,
0.0000

38.2019, 0.4224,
0.3132

38.2019, 0.4224,
0.3132

31.6900, 0.4613,
0.3108

46.4151, 0.3893,
0.3164

26.7544, 0.5047,
0.3098

56.4314, 0.3620,
0.3200

23.2623, 0.5491,
0.3109

68.3516, 0.3399,
0.3236

21.0567, 0.5888,
0.3145

82.2672, 0.3221,
0.3270

19.9421, 0.6181,
0.3203

98.2572, 0.3078,
0.3301

■ 19.6983, 0.6259,
0.3222

■ 98.3325, 0.3072,
0.3290

Harmonies

Analogous

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



38.2019, 0.3608, 0.2677



38.2019, 0.4224, 0.3132



38.2019, 0.4502, 0.3649

Triad

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



38.2019, 0.4224, 0.3132



38.2019, 0.3228, 0.4507



38.2019, 0.1996, 0.2327

Complementary

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



38.2019, 0.4224, 0.3132



76.5885, 0.2576, 0.3467

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.



38.2019, 0.1922, 0.2691



38.2019, 0.4224, 0.3132



38.2019, 0.2585, 0.4038

Square

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



38.2019, 0.4224, 0.3132



38.2019, 0.3878, 0.4506



38.2019, 0.2120, 0.3315



38.2019, 0.2330, 0.2227

Rectangle

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



38.2019, 0.4224, 0.3132



38.2019, 0.4449, 0.3991



38.2019, 0.2120, 0.3315



38.2019, 0.1942, 0.2418

Sweetspot

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



38.2038, 0.4224, 0.3132



77.4607, 0.3354, 0.3244



40.1150, 0.3044, 0.2114



15.9196, 0.3396, 0.3236



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.



38.2038, 0.4224, 0.3132



34.5296, 0.4604, 0.3108



51.4562, 0.4166, 0.3743



16.5179, 0.3273, 0.3259



10.5257, 0.6232, 0.3207



0.9360, 0.5952, 0.3052

Inverse Universe

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



38.2038, 0.4224, 0.3132



34.5296, 0.4604, 0.3108



54.8425, 0.2415, 0.2771



16.5179, 0.3273, 0.3259



10.5257, 0.6232, 0.3207



0.9360, 0.5952, 0.3052

Previews

White Background



This preview shows how the Yxy color 38.2019, 0.4224, 0.3132 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 38.2019, 0.4224, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

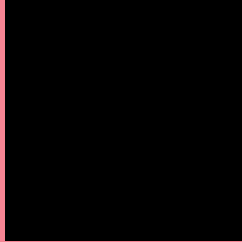
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2019, 0.4224, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 38.2019, 0.4224, 0.3132.



This preview shows how white text looks on a background with the Yxy color 38.2019, 0.4224, 0.3132.

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

38.2019, 0.4224, 0.3132

Protanopia

38.5351, 0.3173, 0.3304

Deuteranopia

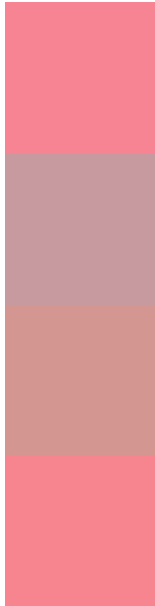
38.1710, 0.3605, 0.3534



Tritanopia

38.3209, 0.4277, 0.3197

Trichromacy



Original Color

38.2019, 0.4224, 0.3132

Protanomaly

37.5856, 0.3535, 0.3239

Deuteranomaly

37.6752, 0.3826, 0.3367

Tritanomaly

38.3815, 0.4254, 0.3175

Monochromacy



Original Color

38.2019, 0.4224, 0.3132

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.7165, 0.3492, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2019, 0.4224, 0.3132 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(246, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(246, 132, 147)  
}
```

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(246, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 132, 147) }
```

Border

The CSS property to change the border of an element to Yxy 38.2019, 0.4224, 0.3132 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(246, 132, 147) }
```

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

```
.border{ border-color:rgb(246, 132, 147) }
```

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

Here you see how a box with a 4 pixel rgb(246, 132, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 132, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 132, 147);  
box-shadow:4px 4px 4px 4px rgb(246, 132,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2019, 0.4224, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 132, 147) }
```

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

```
.background{ background-color: rgb(246,  
132, 147) }
```

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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