

Converting Colors

$Y_{xy}(38.6768, 0.3382, 0.2315)$

Have a look what the booklet for
Yxy(38.6768, 0.3382, 0.2315)
contains.

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Color

Yxy(38.7898, 0.3379, 0.2314)

Conversions

Conversions Part 1

Format	Color
Hex	F17EDC
RGB	241, 126, 220
RGB Percent	95%, 49%, 86%
CMY	0.0551, 0.5057, 0.1373
CMYK	0.00, 0.48, 0.09, 0.06
HSL	311°, 80%, 72%
HSV	311°, 48%, 94%
XYZ	56.6425, 38.7898, 72.1986
YIQ	171.1010, 38.3660, 53.6140

Conversions

Conversions Part 2

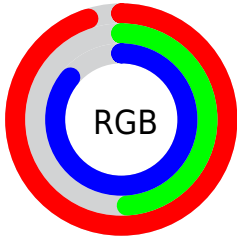
Format	Color
R _Y B	241, 126, 220
Decimal	15826652
CIE Lab	68.60, 56.11, -28.54
CIE LCh	69, 62.956, 333.039
Yxy	38.7898, 0.3379, 0.2314
Android (android.graphics.Color)	4294016732 (0xFFFF17EDC)
YUV	171.1010, 24.1072, 61.3014
Hunter-Lab	62.2815, 53.3461, -25.1338

Details

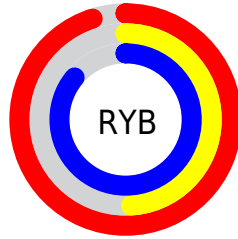
The Yxy color **38.7898, 0.3379, 0.2314** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **69.4330, 0.2955, 0.4527**, and the grayscale version is **40.6441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9359, 0.3161, 0.2575**, and **17.2904, 0.3430, 0.2076** is the 20% darker color. If you saturate the color by 10%, you get **33.1215, 0.3448, 0.2141**, and if you desaturate by 10%, it is **45.9518, 0.3315, 0.2510**.

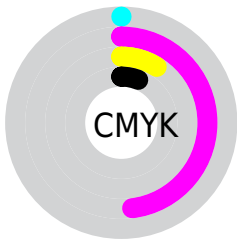
Distribution



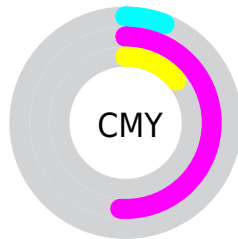
- Red (95%)
- Green (49%)
- Blue (86%)



- Red (95%)
- Yellow (49%)
- Blue (86%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (51%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7898, 0.3379, 0.2314 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 38.7898, 0.3379, 0.2314 by changing the saturation by 10% instead.


 38.7898, 0.3379,
0.2314

 38.7898, 0.3379,
0.2314

340.9960, 0.3268,
0.2771

 26.5962, 0.3402,
0.2209

 73.3171, 0.3342,
0.2473

 17.2702, 0.3429,
0.2080


 96.4196, 0.3327,
0.2535

 10.4273, 0.3462,
0.1917


 123.9273, 0.3314,
0.2588

 5.6832, 0.3499,
0.1708

156.2244, 0.3303,
0.2634

 2.6534, 0.3541,
0.1429

193.6955, 0.3293,
0.2675

 0.9536, 0.3579,
0.1053

236.7248, 0.3284,

 0.0000, 0.3782,

0.2711

0.0000

285.6969, 0.3276,
0.2743

■ 0.0000, 0.2150,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.7898, 0.3379,
0.2314

■ 38.7898, 0.3379,
0.2314

■ 33.1215, 0.3448,
0.2141

■ 45.9518, 0.3315,
0.2510

■ 28.8331, 0.3519,
0.1999


■ 54.6997, 0.3256,
0.2717

■ 25.8035, 0.3591,
0.1899

■ 65.1246, 0.3204,
0.2928

■ 23.8876, 0.3661,
0.1844


■ 77.3092, 0.3158,
0.3136


 22.8912, 0.3727,
0.1834

 91.3304, 0.3119,
0.3335

 22.7239, 0.3743,
0.1835

 96.8907, 0.3090,
0.3375

 97.1646, 0.3065,
0.3331

 97.4339, 0.3041,
0.3290

Harmonies

Analogous

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



38.7898, 0.2492, 0.2002



38.7898, 0.3379, 0.2314



38.7898, 0.4318, 0.2819

Triad

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



38.7898, 0.3379, 0.2314



38.7898, 0.4351, 0.4705



38.7898, 0.1630, 0.2742

Complementary

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



38.7898, 0.3379, 0.2314



69.4330, 0.2955, 0.4527

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.



38.7898, 0.1992, 0.3698



38.7898, 0.3379, 0.2314



38.7898, 0.3551, 0.5026

Square

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



38.7898, 0.3379, 0.2314



38.7898, 0.4873, 0.4090



38.7898, 0.2688, 0.4668



38.7898, 0.1606, 0.2157

Rectangle

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



38.7898, 0.3379, 0.2314



38.7898, 0.4765, 0.3221



38.7898, 0.2688, 0.4668



38.7898, 0.1712, 0.3026

Sweetspot

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



38.7916, 0.3379, 0.2314



78.8870, 0.3186, 0.3004



27.3171, 0.2353, 0.1834



16.2663, 0.3197, 0.2959



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.



38.7916, 0.3379, 0.2314



37.9639, 0.3444, 0.2149



36.3181, 0.3992, 0.2873



15.9790, 0.3166, 0.3099



12.3457, 0.3732, 0.1830



1.0398, 0.3651, 0.1785

Inverse Universe

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



38.7916, 0.3379, 0.2314



37.9639, 0.3444, 0.2149



71.6211, 0.2675, 0.3773



15.9790, 0.3166, 0.3099



12.3457, 0.3732, 0.1830



1.0398, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 38.7898, 0.3379, 0.2314 looks on a white background.

Color Contrast Check

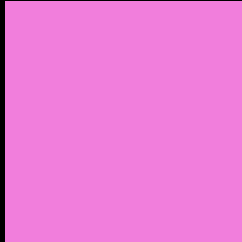
Large Text (above 18pt) WCAG AA × Fail

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 38.7898, 0.3379, 0.2314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

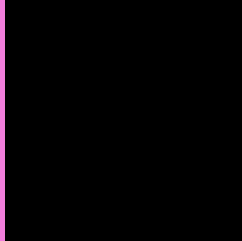
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7898, 0.3379, 0.2314

Background



This preview shows how black text looks on a background with the Yxy color 38.7898, 0.3379, 0.2314.

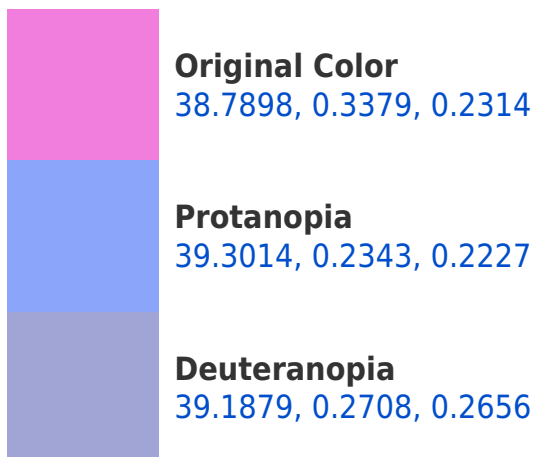


This preview shows how white text looks on a background with the Yxy color 38.7898, 0.3379, 0.2314.

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





Tritanopia

38.6404, 0.3999, 0.3166

Trichromacy



Original Color

38.7898, 0.3379, 0.2314



Protanomaly

37.5953, 0.2641, 0.2228



Deuteranomaly

37.9099, 0.2918, 0.2489



Tritanomaly

38.6155, 0.3766, 0.2833

Monochromacy



Original Color

38.7898, 0.3379, 0.2314



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

38.8526, 0.3214, 0.2860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7898, 0.3379, 0.2314 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(241, 126, 220)` looks like.

```
.text, #text, p{  
    color:rgb(241, 126, 220)  
}
```

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(241, 126, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 126, 220) }
```

Border

The CSS property to change the border of an element to Yxy 38.7898, 0.3379, 0.2314 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(241, 126, 220) }
```

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

```
.border{ border-color:rgb(241, 126, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 126, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 126, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 126, 220);  
box-shadow:4px 4px 4px 4px rgb(241, 126,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7898, 0.3379, 0.2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 126, 220) }
```

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

```
.background{ background-color: rgb(241,  
126, 220) }
```

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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