

Converting Colors

$Y_{xy}(38.9360, 0.3619, 0.2575)$

Have a look what the booklet for
Yxy(38.9360, 0.3619, 0.2575)
contains.

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Color

Yxy(38.8737, 0.3621, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	F282C5
RGB	242, 130, 197
RGB Percent	95%, 51%, 77%
CMY	0.0509, 0.4902, 0.2273
CMYK	0.00, 0.46, 0.19, 0.05
HSL	324°, 81%, 73%
HSV	324°, 46%, 95%
XYZ	54.6860, 38.8737, 57.4648
YIQ	171.1260, 45.2450, 44.5810

Conversions

Conversions Part 2

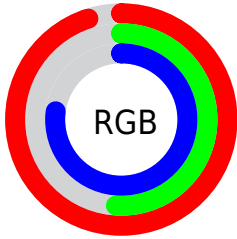
Format	Color
R _{YB}	242, 130, 197
Decimal	15893189
CIE _{Lab}	68.66, 50.95, -15.66
CIE _{LCh}	69, 53.302, 342.914
Yxy	38.8737, 0.3621, 0.2574
Android (android.graphics.Color)	4294083269 (0xFFFF282C5)
YUV	171.1260, 12.7559, 62.1565
Hunter-Lab	62.3488, 47.4516, -11.0015

Details

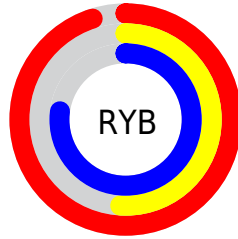
The Yxy color **38.8737, 0.3621, 0.2574** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **71.3536, 0.2835, 0.4153**, and the grayscale version is **40.7096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1137, 0.3167, 0.2613**, and **17.3424, 0.3764, 0.2391** is the 20% darker color. If you saturate the color by 10%, you get **32.7461, 0.3778, 0.2438**, and if you desaturate by 10%, it is **46.5475, 0.3482, 0.2727**.

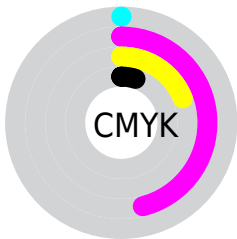
Distribution



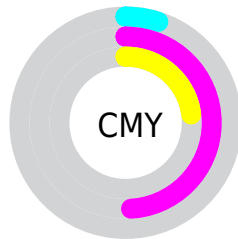
- Red (95%)
- Green (51%)
- Blue (77%)



- Red (95%)
- Yellow (51%)
- Blue (77%)



- Cyan (0%)
- Magenta (46%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8737, 0.3621, 0.2574 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 38.8737, 0.3621, 0.2574 by changing the saturation by 10% instead.


 38.8737, 0.3621,
0.2574


 38.8737, 0.3621,
0.2574


341.3532, 0.3378,
0.2920


 26.6615, 0.3680,
0.2491


 73.4453, 0.3534,
0.2697

 17.3192, 0.3756,
0.2388


 96.5735, 0.3501,
0.2744

 10.4623, 0.3854,
0.2254


 124.1092, 0.3473,
0.2784

 5.7065, 0.3989,
0.2075

156.4367, 0.3448,
0.2819

 2.6675, 0.4182,
0.1824

193.9405, 0.3427,
0.2849

 0.9607, 0.4481,
0.1456

237.0049, 0.3409,

 0.0000, 0.5478,

0.2876

0.0000

286.0143, 0.3393,
0.2899

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

38.8737, 0.3621,
0.2574

38.8737, 0.3621,
0.2574

32.7461, 0.3778,
0.2438

46.5475, 0.3482,
0.2727

28.0509, 0.3952,
0.2328


55.8599, 0.3362,
0.2886

24.6674, 0.4136,
0.2259


66.9022, 0.3260,
0.3044


22.4524, 0.4324,
0.2239

79.7578, 0.3174,
0.3198

 21.2275, 0.4507,
0.2273

 94.5042, 0.3102,
0.3343

 20.9197, 0.4575,
0.2294

 97.6203, 0.3048,
0.3290

Harmonies

Analogous

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



38.8737, 0.2820, 0.2232



38.8737, 0.3621, 0.2574



38.8737, 0.4346, 0.3067

Triad

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



38.8737, 0.3621, 0.2574



38.8737, 0.3999, 0.4648



38.8737, 0.1783, 0.2634

Complementary

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



38.8737, 0.3621, 0.2574



71.3536, 0.2835, 0.4153

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.



38.8737, 0.2014, 0.3359



38.8737, 0.3621, 0.2574



38.8737, 0.3271, 0.4712

Square

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



38.8737, 0.3621, 0.2574



38.8737, 0.4533, 0.4204



38.8737, 0.2544, 0.4202



38.8737, 0.1849, 0.2219

Rectangle

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



38.8737, 0.3621, 0.2574



38.8737, 0.4628, 0.3442



38.8737, 0.2544, 0.4202



38.8737, 0.1826, 0.2844

Sweetspot

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



38.8756, 0.3621, 0.2574



78.4106, 0.3239, 0.3079



31.4652, 0.2587, 0.1954



16.1496, 0.3259, 0.3046



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.



38.8756, 0.3621, 0.2574



36.9541, 0.3776, 0.2439



36.7716, 0.4262, 0.3171



15.9177, 0.3200, 0.3150



11.2642, 0.4546, 0.2278



0.9567, 0.4322, 0.2154

Inverse Universe

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



38.8756, 0.3621, 0.2574



36.9541, 0.3776, 0.2439



74.0186, 0.2560, 0.3423



15.9177, 0.3200, 0.3150



11.2642, 0.4546, 0.2278



0.9567, 0.4322, 0.2154

Previews

White Background



This preview shows how the Yxy color 38.8737, 0.3621, 0.2574 looks on a white background.

Color Contrast Check

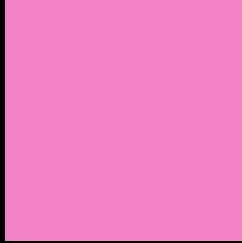
Large Text (above 18pt) WCAG AA × Fail

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 38.8737, 0.3621, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

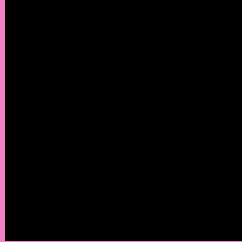
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8737, 0.3621, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 38.8737, 0.3621, 0.2574.



This preview shows how white text looks on a background with the Yxy color 38.8737, 0.3621, 0.2574.

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

38.8737, 0.3621, 0.2574

Protanopia

39.3187, 0.2597, 0.2555

Deuteranopia

39.1967, 0.2982, 0.2928



Tritanopia

38.9627, 0.4065, 0.3180

Trichromacy



Original Color

38.8737, 0.3621, 0.2574



Protanomaly

37.9008, 0.2908, 0.2539



Deuteranomaly

38.3125, 0.3199, 0.2777



Tritanomaly

38.7491, 0.3908, 0.2948

Monochromacy



Original Color

38.8737, 0.3621, 0.2574



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

38.9425, 0.3306, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8737, 0.3621, 0.2574 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(242, 130, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 130, 197)  
}
```

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(242, 130, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 130, 197) }
```

Border

The CSS property to change the border of an element to Yxy 38.8737, 0.3621, 0.2574 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(242, 130, 197) }
```

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

```
.border{ border-color:rgb(242, 130, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 130, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 130, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 130, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 130,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8737, 0.3621, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 130, 197) }
```

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

```
.background{ background-color: rgb(242,  
130, 197) }
```

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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