

Converting Colors

$Y_{xy}(58.0779, 0.3379, 0.2929)$

Have a look what the booklet for
Yxy(58.0779, 0.3379, 0.2929)
contains.

Yxy(57.8781, 0.3378, 0.2922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.8781, 0.3378, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	F5B6D9
RGB	245, 182, 217
RGB Percent	96%, 71%, 85%
CMY	0.0392, 0.2863, 0.1490
CMYK	0.00, 0.26, 0.11, 0.04
HSL	327°, 76%, 84%
HSV	327°, 26%, 96%
XYZ	66.9104, 57.8781, 73.2885
YIQ	204.8270, 26.3130, 24.2410

Conversions

Conversions Part 2

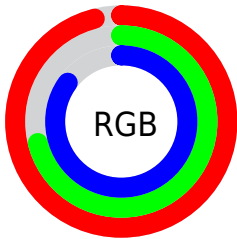
Format	Color
R _Y B	245, 182, 217
Decimal	16103129
CIE Lab	80.67, 28.10, -8.60
CIE LCh	81, 29.392, 342.983
Yxy	57.8781, 0.3378, 0.2922
Android (android.graphics.Color)	4294293209 (0xFFF5B6D9)
YUV	204.8270, 6.0013, 35.2317
Hunter-Lab	76.0777, 23.8551, -3.8619

Details

The Yxy color **57.8781, 0.3378, 0.2922** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.9099, 0.2936, 0.3690**, and the grayscale version is **60.8852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.0005, 0.3441, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **48.1595, 0.3510, 0.2773**, and if you desaturate by 10%, it is **69.3949, 0.3266, 0.3070**.

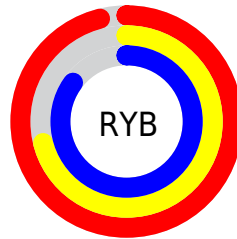
Distribution



Red (96%)

Green (71%)

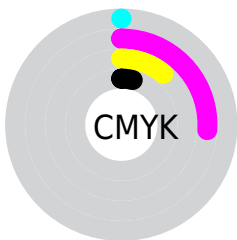
Blue (85%)



Red (96%)

Yellow (71%)

Blue (85%)

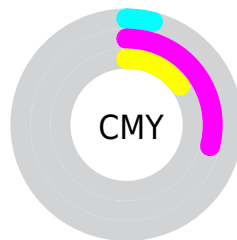


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (29%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8781, 0.3378, 0.2922 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 57.8781, 0.3378, 0.2922 by changing the saturation by 10% instead.


 57.8781, 0.3378,
0.2922

 57.8781, 0.3378,
0.2922


416.7316, 0.3260,
0.3094

 41.7107, 0.3406,
0.2882


 101.7453, 0.3337,
0.2982

 28.8748, 0.3440,
0.2833


130.2139, 0.3321,
0.3005

 18.9861, 0.3484,
0.2770


163.5516, 0.3307,
0.3025

 11.6603, 0.3542,
0.2688

202.1429, 0.3295,
0.3043

 6.5128, 0.3623,
0.2575

246.3722, 0.3285,
0.3058

 3.1593, 0.3743,
0.2410

296.6238, 0.3275,

 1.2155, 0.3937,

0.3071

0.2149

353.2821, 0.3267,
0.3083

0.0743, 0.5001,
0.0491

0.0000, 0.0000,
0.0000

57.8781, 0.3378,
0.2922

57.8781, 0.3378,
0.2922

48.1595, 0.3510,
0.2773

69.3949, 0.3266,
0.3070

40.1391, 0.3664,
0.2630

82.7876, 0.3173,
0.3212

33.7191, 0.3840,
0.2502

97.8160, 0.3096,
0.3342

28.7883, 0.4036,
0.2400

98.1542, 0.3066,
0.3290

■ 25.2212, 0.4245,
0.2337

■ 22.8714, 0.4460,
0.2324

■ 21.5578, 0.4670,
0.2365

■ 21.1942, 0.4758,
0.2395

Harmonies

Analogous

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



57.8781, 0.2989, 0.2731



57.8781, 0.3378, 0.2922



57.8781, 0.3713, 0.3200

Triad

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



57.8781, 0.3378, 0.2922



57.8781, 0.3589, 0.3961



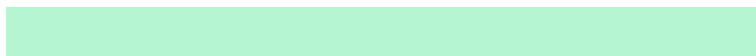
57.8781, 0.2426, 0.2993

Complementary

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



57.8781, 0.3378, 0.2922



79.9099, 0.2936, 0.3690

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.



57.8781, 0.2566, 0.3343



57.8781, 0.3378, 0.2922



57.8781, 0.3229, 0.3938

Square

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



57.8781, 0.3378, 0.2922



57.8781, 0.3833, 0.3793



57.8781, 0.2855, 0.3704



57.8781, 0.2459, 0.2754

Rectangle

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



57.8781, 0.3378, 0.2922



57.8781, 0.3850, 0.3409



57.8781, 0.2855, 0.3704



57.8781, 0.2454, 0.3101

Sweetspot

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



57.8807, 0.3378, 0.2922



87.0974, 0.3193, 0.3180



53.6499, 0.2881, 0.2594



18.1560, 0.3207, 0.3159



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.



57.8807, 0.3378, 0.2922



57.4507, 0.3446, 0.2842



56.4249, 0.3640, 0.3246



16.6366, 0.3206, 0.3159



11.4451, 0.4726, 0.2377



1.0266, 0.4483, 0.2243

Inverse Universe

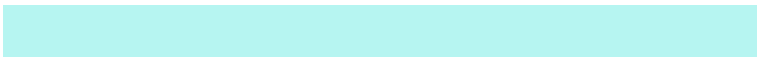
The Inverse Universe completely reimagines the original color for something new.



57.8807, 0.3378, 0.2922



57.4507, 0.3446, 0.2842



81.5955, 0.2771, 0.3335



16.6366, 0.3206, 0.3159



11.4451, 0.4726, 0.2377



1.0266, 0.4483, 0.2243

Previews

White Background



This preview shows how the Yxy color 57.8781, 0.3378, 0.2922 looks on a white background.

Color Contrast Check

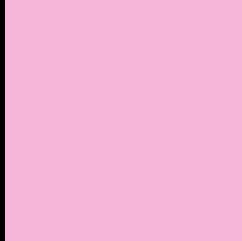
Large Text (above 18pt) WCAG AA × Fail

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 57.8781, 0.3378, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

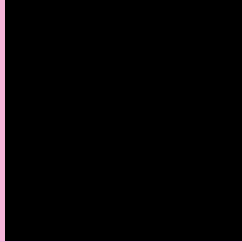
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8781, 0.3378, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 57.8781, 0.3378, 0.2922.



This preview shows how white text looks on a background with the Yxy color 57.8781, 0.3378, 0.2922.

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

57.8781, 0.3378, 0.2922

Protanopia

58.1840, 0.2903, 0.2954

Deuteranopia

58.2327, 0.3130, 0.3063



Tritanopia

57.8761, 0.3506, 0.3140

Trichromacy



Original Color

57.8781, 0.3378, 0.2922



Protanomaly

57.8179, 0.3065, 0.2941



Deuteranomaly

57.7923, 0.3213, 0.3002



Tritanomaly

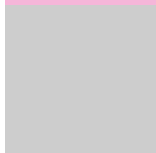
57.9703, 0.3458, 0.3056

Monochromacy



Original Color

57.8781, 0.3378, 0.2922



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.7516, 0.3220, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8781, 0.3378, 0.2922 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, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 217)  
}
```

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, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.8781, 0.3378, 0.2922 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, 182, 217) }
```

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

```
.border{ border-color:rgb(245, 182, 217) }
```

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

Here you see how a box with a 4 pixel rgb(245, 182, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8781, 0.3378, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 217) }
```

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

```
.background{ background-color: rgb(245,  
182, 217) }
```

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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