

Converting Colors

$Y_{xy}(58.0022, 0.3322, 0.2739)$

Have a look what the booklet for
Yxy(58.0022, 0.3322, 0.2739)
contains.

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Color

Yxy(57.9092, 0.3327, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	FCB1E7
RGB	252, 177, 231
RGB Percent	99%, 69%, 91%
CMY	0.0118, 0.3059, 0.0941
CMYK	0.00, 0.30, 0.08, 0.01
HSL	317°, 93%, 84%
HSV	317°, 30%, 99%
XYZ	70.2896, 57.9092, 83.0715
YIQ	205.5810, 27.3660, 32.6940

Conversions

Conversions Part 2

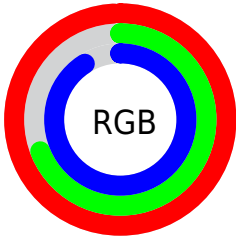
Format	Color
R _Y B	252, 177, 231
Decimal	16560615
CIE Lab	80.69, 35.40, -16.05
CIE LCh	81, 38.863, 335.612
Yxy	57.9092, 0.3327, 0.2741
Android (android.graphics.Color)	4294750695 (0xFFFCB1E7)
YUV	205.5810, 12.5316, 40.7095
Hunter-Lab	76.0981, 31.7037, -11.4545

Details

The Yxy color **57.9092, 0.3327, 0.2741** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.0454, 0.2974, 0.3911**, and the grayscale version is **61.3468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **28.7304, 0.3371, 0.2613** is the 20% darker color. If you saturate the color by 10%, you get **48.4678, 0.3416, 0.2555**, and if you desaturate by 10%, it is **69.2099, 0.3249, 0.2930**.

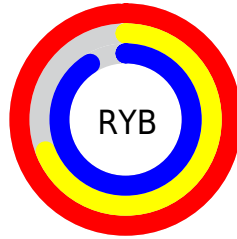
Distribution



Red (99%)

Green (69%)

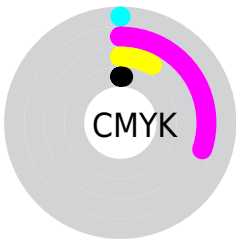
Blue (91%)



Red (99%)

Yellow (69%)

Blue (91%)

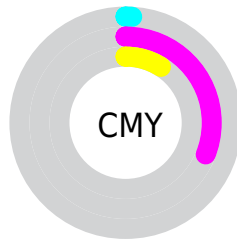


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9092, 0.3327, 0.2741 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 57.9092, 0.3327, 0.2741 by changing the saturation by 10% instead.


 57.9092, 0.3327,
0.2741

 57.9092, 0.3327,
0.2741


416.8475, 0.3237,
0.2993

 41.7357, 0.3347,
0.2684


 101.7906, 0.3296,
0.2828

 28.8944, 0.3372,
0.2614


130.2673, 0.3284,
0.2862

 19.0009, 0.3402,
0.2527


163.6138, 0.3273,
0.2891

 11.6709, 0.3441,
0.2413

202.2145, 0.3264,
0.2917

 6.5200, 0.3493,
0.2260

246.4538, 0.3256,
0.2939

 3.1638, 0.3564,
0.2046


296.7162, 0.3249,

 1.2178, 0.3667,


0.2959


0.1725


353.3859, 0.3242,
0.2977


 0.0762, 0.4194,
0.0340

 0.0000, 0.0000,
0.0000


 57.9092, 0.3327,
0.2741


 57.9092, 0.3327,
0.2741

 48.4678, 0.3416,
0.2555


 69.2099, 0.3249,
0.2930


 40.7765, 0.3515,
0.2381

 82.4558, 0.3183,
0.3116

 34.7264, 0.3624,
0.2229

 97.7369, 0.3126,
0.3294

 30.1936, 0.3740,
0.2111

 99.4352, 0.3109,
0.3290

■ 27.0359, 0.3858,
0.2035

■ 25.0846, 0.3975,
0.2008

■ 24.0691, 0.4089,
0.2027

■ 24.0489, 0.4092,
0.2028

Harmonies

Analogous

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



57.9092, 0.2822, 0.2534



57.9092, 0.3327, 0.2741



57.9092, 0.3809, 0.3071

Triad

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



57.9092, 0.3327, 0.2741



57.9092, 0.3824, 0.4136



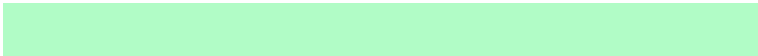
57.9092, 0.2243, 0.2989

Complementary

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



57.9092, 0.3327, 0.2741



83.0454, 0.2974, 0.3911

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.



57.9092, 0.2469, 0.3479



57.9092, 0.3327, 0.2741



57.9092, 0.3373, 0.4195

Square

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



57.9092, 0.3327, 0.2741



57.9092, 0.4100, 0.3851



57.9092, 0.2876, 0.3949



57.9092, 0.2232, 0.2642

Rectangle

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



57.9092, 0.3327, 0.2741



57.9092, 0.4033, 0.3330



57.9092, 0.2876, 0.3949



57.9092, 0.2295, 0.3142

Sweetspot

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



57.9118, 0.3327, 0.2741



85.8143, 0.3178, 0.3130



50.3465, 0.2741, 0.2450



17.9115, 0.3187, 0.3103



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.



57.9118, 0.3327, 0.2741



53.1989, 0.3381, 0.2624



56.0602, 0.3639, 0.3107



17.4368, 0.3181, 0.3121



12.5539, 0.4073, 0.2017



1.1808, 0.3946, 0.1947

Inverse Universe

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



57.9118, 0.3327, 0.2741



53.1989, 0.3381, 0.2624



84.9371, 0.2783, 0.3483



17.4368, 0.3181, 0.3121



12.5539, 0.4073, 0.2017



1.1808, 0.3946, 0.1947

Previews

White Background



This preview shows how the Yxy color 57.9092, 0.3327, 0.2741 looks on a white background.

Color Contrast Check

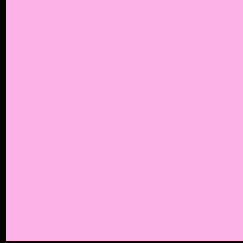
Large Text (above 18pt) WCAG AA × Fail

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 57.9092, 0.3327, 0.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

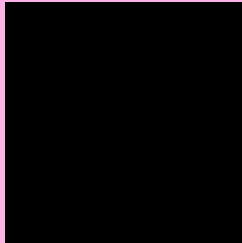
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9092, 0.3327, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 57.9092, 0.3327, 0.2741.



This preview shows how white text looks on a background with the Yxy color 57.9092, 0.3327, 0.2741.

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

57.9092, 0.3327, 0.2741

Protanopia

58.4478, 0.2748, 0.2755

Deuteranopia

57.8970, 0.2983, 0.2915



Tritanopia

57.8546, 0.3570, 0.3142

Trichromacy



Original Color

57.9092, 0.3327, 0.2741



Protanomaly

57.7586, 0.2939, 0.2740



Deuteranomaly

57.3116, 0.3101, 0.2841



Tritanomaly

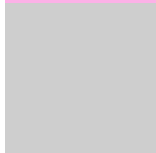
57.7909, 0.3480, 0.2997

Monochromacy



Original Color

57.9092, 0.3327, 0.2741



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.6245, 0.3201, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9092, 0.3327, 0.2741 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(252, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 231)  
}
```

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(252, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 231) }
```

Border

The CSS property to change the border of an element to Yxy 57.9092, 0.3327, 0.2741 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(252, 177, 231) }
```

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

```
.border{ border-color:rgb(252, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9092, 0.3327, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 231) }
```

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

```
.background{ background-color: rgb(252,  
177, 231) }
```

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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