

Converting Colors

$Y_{xy}(57.3309, 0.3291, 0.2764)$

Have a look what the booklet for
Yxy(57.3309, 0.3291, 0.2764)
contains.

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Color

Yxy(57.0908, 0.3293, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	F6B2E5
RGB	246, 178, 229
RGB Percent	96%, 70%, 90%
CMY	0.0353, 0.3019, 0.1020
CMYK	0.00, 0.28, 0.07, 0.04
HSL	315°, 79%, 83%
HSV	315°, 28%, 96%
XYZ	68.0666, 57.0908, 81.5435
YIQ	204.1460, 24.1570, 30.2770

Conversions

Conversions Part 2

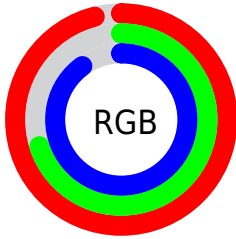
Format	Color
R _Y B	246, 178, 229
Decimal	16167653
CIE Lab	80.23, 32.55, -15.71
CIE LCh	80, 36.143, 334.238
Yxy	57.0908, 0.3293, 0.2762
Android (android.graphics.Color)	4294357733 (0xFFFF6B2E5)
YUV	204.1460, 12.2530, 36.7060
Hunter-Lab	75.5585, 28.5739, -11.0955

Details

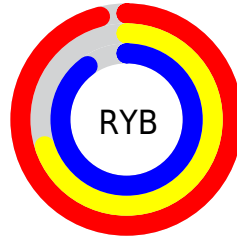
The Yxy color **57.0908, 0.3293, 0.2762** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.3199, 0.2995, 0.3884**, and the grayscale version is **60.3915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.5032, 0.3336, 0.2651** is the 20% darker color. If you saturate the color by 10%, you get **47.8275, 0.3371, 0.2569**, and if you desaturate by 10%, it is **68.1267, 0.3225, 0.2958**.

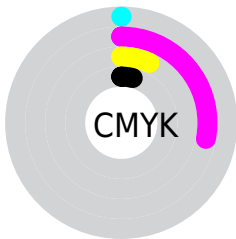
Distribution



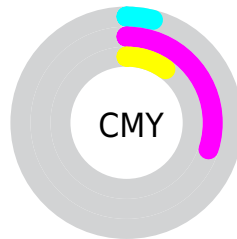
- Red (96%)
- Green (70%)
- Blue (90%)



- Red (96%)
- Yellow (70%)
- Blue (90%)



- Cyan (0%)
- Magenta (28%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0908, 0.3293, 0.2762 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 57.0908, 0.3293, 0.2762 by changing the saturation by 10% instead.


 57.0908, 0.3293,
0.2762

 57.0908, 0.3293,
0.2762


413.7895, 0.3218,
0.3005

 41.0781, 0.3310,
0.2707


 100.5977, 0.3267,
0.2846

 28.3802, 0.3330,
0.2639


128.8607, 0.3257,
0.2879

 18.6124, 0.3355,
0.2553


161.9759, 0.3249,
0.2907

 11.3906, 0.3387,
0.2442

200.3278, 0.3241,
0.2932

 6.3302, 0.3429,
0.2291

244.3007, 0.3234,
0.2954

 3.0469, 0.3486,
0.2078


294.2790, 0.3228,


 1.1563, 0.3566,

0.2973

0.1756

350.6471, 0.3223,
0.2990


 0.0255, 0.4136,
0.0129


 0.0000, 0.0000,
0.0000

 57.0908, 0.3293,
0.2762


 57.0908, 0.3293,
0.2762

 47.8275, 0.3371,
0.2569


 68.1267, 0.3225,
0.2958

 40.2353, 0.3457,
0.2386

 81.0144, 0.3166,
0.3149

 34.2138, 0.3552,
0.2223

 95.8378, 0.3116,
0.3332

 29.6492, 0.3653,
0.2091

 98.2441, 0.3080,
0.3303

■ 26.4118, 0.3756,
0.2001

■ 98.3330, 0.3072,
0.3290

■ 24.3491, 0.3858,
0.1957

■ 23.2584, 0.3957,
0.1962

■ 23.0708, 0.3980,
0.1966

Harmonies

Analogous

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



57.0908, 0.2823, 0.2573



57.0908, 0.3293, 0.2762



57.0908, 0.3746, 0.3070

Triad

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



57.0908, 0.3293, 0.2762



57.0908, 0.3798, 0.4074



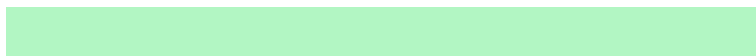
57.0908, 0.2302, 0.3031

Complementary

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



57.0908, 0.3293, 0.2762



79.3199, 0.2995, 0.3884

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.



57.0908, 0.2525, 0.3489



57.0908, 0.3293, 0.2762



57.0908, 0.3381, 0.4136

Square

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



57.0908, 0.3293, 0.2762



57.0908, 0.4043, 0.3805



57.0908, 0.2915, 0.3919



57.0908, 0.2282, 0.2695

Rectangle

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



57.0908, 0.3293, 0.2762



57.0908, 0.3962, 0.3314



57.0908, 0.2915, 0.3919



57.0908, 0.2354, 0.3175

Sweetspot

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



57.0934, 0.3293, 0.2762



87.3432, 0.3168, 0.3142



50.1014, 0.2765, 0.2516



18.2181, 0.3177, 0.3114



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.



57.0934, 0.3293, 0.2762



56.2657, 0.3334, 0.2656



55.3779, 0.3581, 0.3109



16.6932, 0.3176, 0.3114



12.3379, 0.3965, 0.1958



1.1007, 0.3849, 0.1894

Inverse Universe

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



57.0934, 0.3293, 0.2762



56.2657, 0.3334, 0.2656



81.0356, 0.2812, 0.3481



16.6932, 0.3176, 0.3114



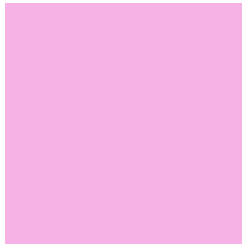
12.3379, 0.3965, 0.1958



1.1007, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 57.0908, 0.3293, 0.2762 looks on a white background.

Color Contrast Check

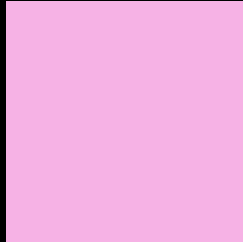
Large Text (above 18pt) WCAG AA × Fail

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 57.0908, 0.3293, 0.2762 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 57.0908, 0.3293, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 57.0908, 0.3293, 0.2762.



This preview shows how white text looks on a background with the Yxy color 57.0908, 0.3293, 0.2762.

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

57.0908, 0.3293, 0.2762

Protanopia

57.6178, 0.2764, 0.2784

Deuteranopia

57.1964, 0.2990, 0.2924



Tritanopia

57.2354, 0.3508, 0.3140

Trichromacy



Original Color

57.0908, 0.3293, 0.2762



Protanomaly

57.0777, 0.2943, 0.2777



Deuteranomaly

56.8846, 0.3100, 0.2859



Tritanomaly

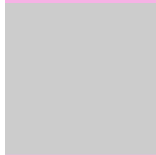
57.1140, 0.3428, 0.3002

Monochromacy



Original Color

57.0908, 0.3293, 0.2762



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.8944, 0.3184, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0908, 0.3293, 0.2762 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, 178, 229)` looks like.

```
.text, #text, p{  
    color:rgb(246, 178, 229)  
}
```

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, 178, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 178, 229) }
```

Border

The CSS property to change the border of an element to Yxy 57.0908, 0.3293, 0.2762 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, 178, 229) }
```

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

```
.border{ border-color:rgb(246, 178, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 178, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 178, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 178, 229);  
box-shadow:4px 4px 4px 4px rgb(246, 178,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0908, 0.3293, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 178, 229) }
```

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

```
.background{ background-color: rgb(246,  
178, 229) }
```

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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