

Converting Colors

Yxy(57.1467, 0.3314, 0.2776)

Have a look what the booklet for
Yxy(57.1467, 0.3314, 0.2776)
contains.

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Color

Yxy(57.2164, 0.3309, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	F7B2E4
RGB	247, 178, 228
RGB Percent	97%, 70%, 89%
CMY	0.0315, 0.3019, 0.1059
CMYK	0.00, 0.28, 0.08, 0.03
HSL	317°, 81%, 83%
HSV	317°, 28%, 97%
XYZ	68.2759, 57.2164, 80.8416
YIQ	204.3310, 25.0740, 30.1780

Conversions

Conversions Part 2

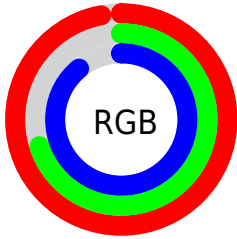
Format	Color
R _Y B	247, 178, 228
Decimal	16233188
CIE Lab	80.30, 32.70, -15.06
CIE LCh	80, 36.007, 335.267
Yxy	57.2164, 0.3309, 0.2773
Android (android.graphics.Color)	4294423268 (0xFFF7B2E4)
YUV	204.3310, 11.6688, 37.4207
Hunter-Lab	75.6415, 28.7458, -10.4169

Details

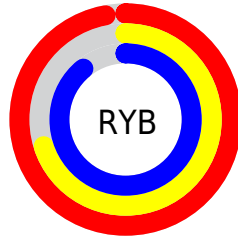
The Yxy color $57.2164, 0.3309, 0.2773$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $80.0074, 0.2985, 0.3870$, and the grayscale version is $60.5179, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $28.3796, 0.3348, 0.2640$ is the 20% darker color. If you saturate the color by 10%, you get $47.8883, 0.3394, 0.2585$, and if you desaturate by 10%, it is $68.3338, 0.3235, 0.2963$.

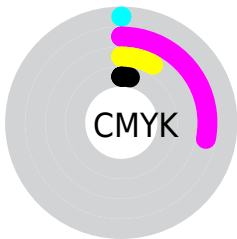
Distribution



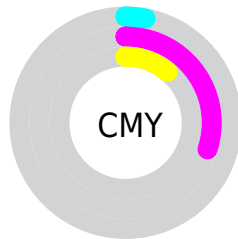
- Red (97%)
- Green (70%)
- Blue (89%)



- Red (97%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2164, 0.3309, 0.2773 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 57.2164, 0.3309, 0.2773 by changing the saturation by 10% instead.


 57.2164, 0.3309,
0.2773

 57.2164, 0.3309,
0.2773


414.2597, 0.3226,
0.3011

 41.1790, 0.3327,
0.2719


 100.7809, 0.3281,
0.2855

 28.4590, 0.3350,
0.2652


129.0767, 0.3270,
0.2888

 18.6719, 0.3378,
0.2568


162.2276, 0.3260,
0.2915

 11.4335, 0.3415,
0.2459

200.6177, 0.3252,
0.2939

 6.3592, 0.3463,
0.2311

244.6316, 0.3244,
0.2961

 3.0647, 0.3529,
0.2101


294.6537, 0.3238,

 1.1656, 0.3626,


0.2980


0.1783


351.0682, 0.3232,
0.2996


 0.0333, 0.4238,
0.0170


 0.0000, 0.0000,
0.0000


 57.2164, 0.3309,
0.2773


 57.2164, 0.3309,
0.2773


 47.8883, 0.3394,
0.2585

 68.3338, 0.3235,
0.2963


 40.2467, 0.3490,
0.2408

 81.3208, 0.3171,
0.3148

 34.1900, 0.3595,
0.2250

 96.2621, 0.3117,
0.3326

 29.6027, 0.3707,
0.2123

 98.5106, 0.3078,
0.3290

■ 26.3534, 0.3823,
0.2038

■ 24.2872, 0.3938,
0.2001

■ 23.1940, 0.4049,
0.2012

■ 23.0252, 0.4072,
0.2017

Harmonies

Analogous

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



57.2164, 0.2839, 0.2580



57.2164, 0.3309, 0.2773



57.2164, 0.3757, 0.3083

Triad

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



57.2164, 0.3309, 0.2773



57.2164, 0.3783, 0.4077



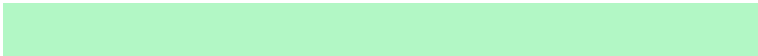
57.2164, 0.2301, 0.3018

Complementary

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



57.2164, 0.3309, 0.2773



80.0074, 0.2985, 0.3870

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.



57.2164, 0.2517, 0.3472



57.2164, 0.3309, 0.2773



57.2164, 0.3364, 0.4130

Square

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



57.2164, 0.3309, 0.2773



57.2164, 0.4035, 0.3814



57.2164, 0.2901, 0.3904



57.2164, 0.2288, 0.2690

Rectangle

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



57.2164, 0.3309, 0.2773



57.2164, 0.3966, 0.3327



57.2164, 0.2901, 0.3904



57.2164, 0.2351, 0.3161

Sweetspot

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



57.2190, 0.3309, 0.2773



87.3115, 0.3171, 0.3147



50.3516, 0.2769, 0.2509



18.2100, 0.3180, 0.3119



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.



57.2190, 0.3309, 0.2773



55.1534, 0.3360, 0.2657



55.5175, 0.3597, 0.3119



16.6859, 0.3180, 0.3120



12.2047, 0.4055, 0.2007



1.0900, 0.3924, 0.1935

Inverse Universe

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



57.2190, 0.3309, 0.2773



55.1534, 0.3360, 0.2657



81.7395, 0.2803, 0.3470



16.6859, 0.3180, 0.3120



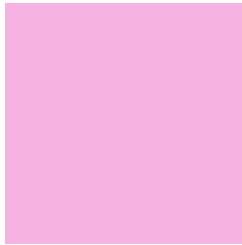
12.2047, 0.4055, 0.2007



1.0900, 0.3924, 0.1935

Previews

White Background



This preview shows how the Yxy color 57.2164, 0.3309, 0.2773 looks on a white background.

Color Contrast Check

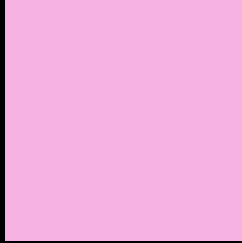
Large Text (above 18pt) WCAG AA × Fail

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 57.2164, 0.3309, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

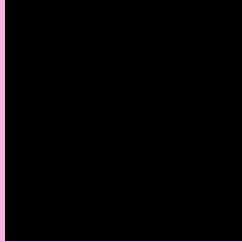
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2164, 0.3309, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 57.2164, 0.3309, 0.2773.



This preview shows how white text looks on a background with the Yxy color 57.2164, 0.3309, 0.2773.

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

57.2164, 0.3309, 0.2773

Protanopia

57.6862, 0.2777, 0.2796

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

56.9989, 0.3519, 0.3129

Trichromacy



Original Color

57.2164, 0.3309, 0.2773



Protanomaly

57.1666, 0.2958, 0.2789



Deuteranomaly

56.9870, 0.3115, 0.2871



Tritanomaly

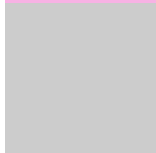
56.8843, 0.3437, 0.2993

Monochromacy



Original Color

57.2164, 0.3309, 0.2773



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

59.0500, 0.3192, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2164, 0.3309, 0.2773 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(247, 178, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 178, 228)  
}
```

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(247, 178, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 178, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.2164, 0.3309, 0.2773 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(247, 178, 228) }
```

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

```
.border{ border-color:rgb(247, 178, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 178, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 178, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 178, 228); box-shadow:4px 4px 4px 4px rgb(247, 178, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2164, 0.3309, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 178, 228) }
```

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

```
.background{ background-color: rgb(247,  
178, 228) }
```

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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