

Converting Colors

$Yxy(58.0263, 0.3283, 0.3178)$

Have a look what the booklet for
Yxy(58.0263, 0.3283, 0.3178)
contains.

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Color

Yxy(57.9813, 0.3286, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	DEC1CB
RGB	222, 193, 203
RGB Percent	87%, 76%, 80%
CMY	0.1295, 0.2431, 0.2038
CMYK	0.00, 0.13, 0.09, 0.13
HSL	339°, 30%, 81%
HSV	339°, 13%, 87%
XYZ	59.9706, 57.9813, 64.5514
YIQ	202.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

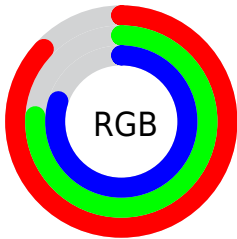
Format	Color
R _Y B	222, 193, 203
Decimal	14598603
CIE Lab	80.73, 11.92, -1.24
CIE LCh	81, 11.980, 354.055
Yxy	57.9813, 0.3286, 0.3177
Android (android.graphics.Color)	4292788683 (0xFFDEC1CB)
YUV	202.8110, 0.0932, 16.8288
Hunter-Lab	76.1455, 7.3284, 3.0394

Details

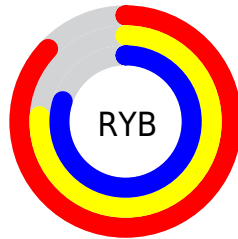
The Yxy color **57.9813, 0.3286, 0.3177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3185, 0.2991, 0.3406**, and the grayscale version is **59.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.8507, 0.3331, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **48.2343, 0.3439, 0.3085**, and if you desaturate by 10%, it is **69.2711, 0.3161, 0.3265**.

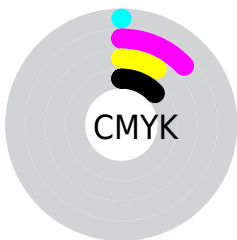
Distribution



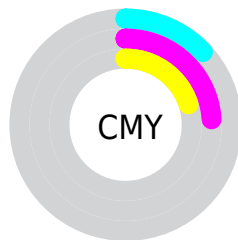
- Red (87%)
- Green (76%)
- Blue (80%)



- Red (87%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9813, 0.3286, 0.3177 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 57.9813, 0.3286, 0.3177 by changing the saturation by 10% instead.


 57.9813, 0.3286,
0.3177

 57.9813, 0.3286,
0.3177


417.1163, 0.3210,
0.3231

 41.7936, 0.3304,
0.3164

 101.8956, 0.3259,
0.3196

 28.9397, 0.3327,
0.3148


130.3911, 0.3249,
0.3204

 19.0352, 0.3357,
0.3127

163.7579, 0.3240,
0.3210

 11.6957, 0.3397,
0.3099

202.3804, 0.3232,
0.3215

 6.5369, 0.3454,
0.3059

246.6432, 0.3225,
0.3220

 3.1742, 0.3542,
0.2998

296.9304, 0.3219,

 1.2233, 0.3695,

0.3224

0.2893

353.6267, 0.3214,
0.3228

0.0806, 0.5902,
0.1295

0.0000, 0.0000,
0.0000

57.9813, 0.3286,
0.3177

57.9813, 0.3286,
0.3177

48.2343, 0.3439,
0.3085

69.2711, 0.3161,
0.3265

39.9554, 0.3626,
0.2991

82.1592, 0.3058,
0.3346

33.0748, 0.3850,
0.2899

93.7350, 0.2974,
0.3375

27.5143, 0.4115,
0.2817

94.2654, 0.2929,
0.3289

■ 23.1878, 0.4419,
0.2755

■ 19.9987, 0.4751,
0.2725

■ 17.8361, 0.5093,
0.2739

■ 16.5661, 0.5418,
0.2804

■ 16.0587, 0.5622,
0.2871

Harmonies

Analogous

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



57.9813, 0.3133, 0.3076



57.9813, 0.3286, 0.3177



57.9813, 0.3398, 0.3308

Triad

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



57.9813, 0.3286, 0.3177



57.9813, 0.3270, 0.3564



57.9813, 0.2828, 0.3132

Complementary

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



57.9813, 0.3286, 0.3177



68.3185, 0.2991, 0.3406

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.



57.9813, 0.2863, 0.3263



57.9813, 0.3286, 0.3177



57.9813, 0.3116, 0.3518

Square

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



57.9813, 0.3286, 0.3177



57.9813, 0.3388, 0.3533



57.9813, 0.2968, 0.3406



57.9813, 0.2871, 0.3048

Rectangle

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



57.9813, 0.3286, 0.3177



57.9813, 0.3432, 0.3396



57.9813, 0.2968, 0.3406



57.9813, 0.2832, 0.3172

Sweetspot

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



57.9839, 0.3286, 0.3177



93.2417, 0.3172, 0.3256



57.3903, 0.3063, 0.2962



19.6940, 0.3181, 0.3250



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.



57.9839, 0.3286, 0.3177



75.0737, 0.3330, 0.3149



59.4705, 0.3358, 0.3340



13.7785, 0.3238, 0.3209



9.5600, 0.5583, 0.2849



0.6791, 0.5152, 0.2612

Inverse Universe

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



57.9839, 0.3286, 0.3177



75.0737, 0.3330, 0.3149



66.5622, 0.2927, 0.3239



13.7785, 0.3238, 0.3209



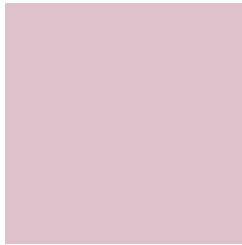
9.5600, 0.5583, 0.2849



0.6791, 0.5152, 0.2612

Previews

White Background



This preview shows how the Yxy color 57.9813, 0.3286, 0.3177 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 57.9813, 0.3286, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

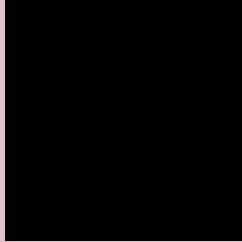
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9813, 0.3286, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 57.9813, 0.3286, 0.3177.



This preview shows how white text looks on a background with the Yxy color 57.9813, 0.3286, 0.3177.

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

57.9813, 0.3286, 0.3177

Protanopia

57.9084, 0.3093, 0.3196

Deuteranopia

57.9554, 0.3261, 0.3188



Tritanopia

57.8922, 0.3265, 0.3122

Trichromacy



Original Color

57.9813, 0.3286, 0.3177

Protanomaly

57.9440, 0.3156, 0.3186

Deuteranomaly

58.1110, 0.3269, 0.3188

Tritanomaly

57.8435, 0.3272, 0.3133

Monochromacy



Original Color

57.9813, 0.3286, 0.3177

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8603, 0.3184, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9813, 0.3286, 0.3177 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(222, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 203)  
}
```

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(222, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.9813, 0.3286, 0.3177 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(222, 193, 203) }
```

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

```
.border{ border-color:rgb(222, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9813, 0.3286, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 203) }
```

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

```
.background{ background-color: rgb(222,  
193, 203) }
```

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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