

Converting Colors

Yxy(58.8746, 0.3335, 0.3156)

Have a look what the booklet for
Yxy(58.8746, 0.3335, 0.3156)
contains.

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Color

Yxy(58.7169, 0.3337, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	E5C0CC
RGB	229, 192, 204
RGB Percent	90%, 75%, 80%
CMY	0.1020, 0.2471, 0.1999
CMYK	0.00, 0.16, 0.11, 0.10
HSL	340°, 42%, 83%
HSV	340°, 16%, 90%
XYZ	62.0647, 58.7169, 65.2079
YIQ	204.4310, 18.2000, 11.5760

Conversions

Conversions Part 2

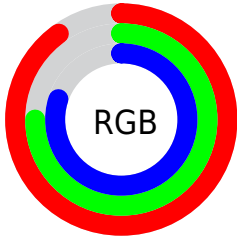
Format	Color
R _Y B	229, 192, 204
Decimal	15057100
CIE Lab	81.14, 15.09, -1.11
CIE LCh	81, 15.135, 355.809
Yxy	58.7169, 0.3337, 0.3157
Android (android.graphics.Color)	4293247180 (0xFFE5C0CC)
YUV	204.4310, -0.2125, 21.5470
Hunter-Lab	76.6270, 10.4806, 3.1843

Details

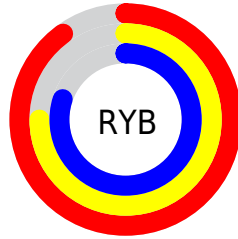
The Yxy color **58.7169, 0.3337, 0.3157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2542, 0.2954, 0.3427**, and the grayscale version is **60.6656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **29.2632, 0.3389, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **48.7278, 0.3506, 0.3069**, and if you desaturate by 10%, it is **70.3494, 0.3199, 0.3241**.

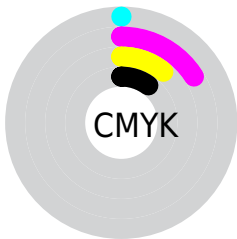
Distribution



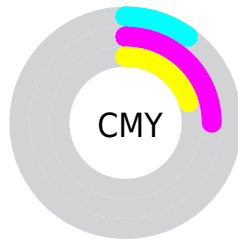
- Red (90%)
- Green (75%)
- Blue (80%)



- Red (90%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7169, 0.3337, 0.3157 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 58.7169, 0.3337, 0.3157 by changing the saturation by 10% instead.


 58.7169, 0.3337,
0.3157

 58.7169, 0.3337,
0.3157


419.8520, 0.3236,
0.3221

 42.3853, 0.3361,
0.3142

 102.9661, 0.3301,
0.3180

 29.4031, 0.3391,
0.3123


131.6524, 0.3288,
0.3188

 19.3860, 0.3430,
0.3098


165.2258, 0.3276,
0.3196

 11.9495, 0.3483,
0.3066

204.0706, 0.3266,
0.3202

 6.7093, 0.3558,
0.3019

248.5713, 0.3257,
0.3208

 3.2810, 0.3672,
0.2948

299.1121, 0.3249,

 1.2801, 0.3869,

0.3212

0.2828

356.0775, 0.3242,
0.3217

0.1257, 0.5894,
0.1519

0.0000, 0.0000,
0.0000

58.7169, 0.3337,
0.3157

58.7169, 0.3337,
0.3157

48.7278, 0.3506,
0.3069

70.3494, 0.3199,
0.3241

40.3001, 0.3711,
0.2981

83.6869, 0.3087,
0.3319

33.3563, 0.3957,
0.2896

95.1052, 0.2995,
0.3336

27.8092, 0.4246,
0.2825

95.3982, 0.2970,
0.3290

■ 23.5624, 0.4573,
0.2776

■ 20.5072, 0.4925,
0.2763

■ 18.5169, 0.5275,
0.2797

■ 17.4343, 0.5594,
0.2879

■ 17.1587, 0.5706,
0.2917

Harmonies

Analogous

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



58.7169, 0.3145, 0.3029



58.7169, 0.3337, 0.3157



58.7169, 0.3474, 0.3320

Triad

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



58.7169, 0.3337, 0.3157



58.7169, 0.3295, 0.3636



58.7169, 0.2754, 0.3081

Complementary

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



58.7169, 0.3337, 0.3157



72.2542, 0.2954, 0.3427

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.



58.7169, 0.2792, 0.3243



58.7169, 0.3337, 0.3157



58.7169, 0.3100, 0.3573

Square

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



58.7169, 0.3337, 0.3157



58.7169, 0.3448, 0.3599



58.7169, 0.2917, 0.3426



58.7169, 0.2812, 0.2982

Rectangle

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



58.7169, 0.3337, 0.3157



58.7169, 0.3514, 0.3431



58.7169, 0.2917, 0.3426



58.7169, 0.2756, 0.3130

Sweetspot

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



58.7195, 0.3337, 0.3157



91.5913, 0.3185, 0.3250



58.0583, 0.3050, 0.2879



19.3609, 0.3194, 0.3244



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.



58.7195, 0.3337, 0.3157



70.9581, 0.3383, 0.3131



60.9293, 0.3422, 0.3360



14.4449, 0.3242, 0.3214



9.8301, 0.5665, 0.2895



0.7430, 0.5252, 0.2667

Inverse Universe

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



58.7195, 0.3337, 0.3157



70.9581, 0.3383, 0.3131



69.5509, 0.2880, 0.3219



14.4449, 0.3242, 0.3214



9.8301, 0.5665, 0.2895



0.7430, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 58.7169, 0.3337, 0.3157 looks on a white background.

Color Contrast Check

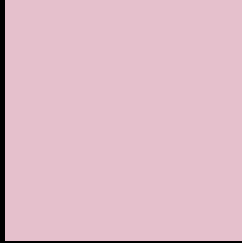
Large Text (above 18pt) WCAG AA × Fail

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 58.7169, 0.3337, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

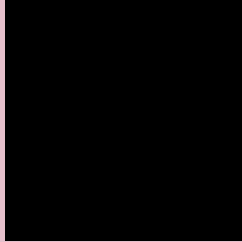
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7169, 0.3337, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 58.7169, 0.3337, 0.3157.



This preview shows how white text looks on a background with the Yxy color 58.7169, 0.3337, 0.3157.

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

58.7169, 0.3337, 0.3157

Protanopia

59.0732, 0.3085, 0.3196

Deuteranopia

58.5577, 0.3268, 0.3200



Tritanopia

58.8623, 0.3314, 0.3124

Trichromacy



Original Color

58.7169, 0.3337, 0.3157

Protanomaly

58.8902, 0.3171, 0.3187

Deuteranomaly

58.5833, 0.3293, 0.3189

Tritanomaly

58.8135, 0.3321, 0.3135

Monochromacy



Original Color

58.7169, 0.3337, 0.3157

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8143, 0.3200, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7169, 0.3337, 0.3157 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(229, 192, 204)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 204)  
}
```

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(229, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.7169, 0.3337, 0.3157 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(229, 192, 204) }
```

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

```
.border{ border-color:rgb(229, 192, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 192, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 204);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7169, 0.3337, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 204) }
```

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

```
.background{ background-color: rgb(229,  
192, 204) }
```

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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