

Converting Colors

$Y_{xy}(57.9292, 0.3365, 0.3079)$

Have a look what the booklet for
Yxy(57.9292, 0.3365, 0.3079)
contains.

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Color

Yxy(58.1336, 0.3368, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	EBBCCF
RGB	235, 188, 207
RGB Percent	92%, 74%, 81%
CMY	0.0784, 0.2627, 0.1881
CMYK	0.00, 0.20, 0.12, 0.08
HSL	336°, 54%, 83%
HSV	336°, 20%, 92%
XYZ	63.5076, 58.1336, 66.9206
YIQ	204.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

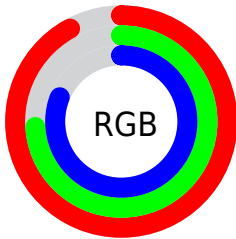
Format	Color
R _Y B	235, 188, 207
Decimal	15449295
CIE Lab	80.81, 19.82, -3.13
CIE LCh	81, 20.066, 351.038
Yxy	58.1336, 0.3368, 0.3083
Android (android.graphics.Color)	4293639375 (0xFFEBBCCF)
YUV	204.2190, 1.3710, 26.9949
Hunter-Lab	76.2454, 15.2498, 1.3329

Details

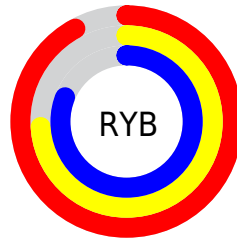
The Yxy color **58.1336, 0.3368, 0.3083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0625, 0.2936, 0.3507**, and the grayscale version is **60.5120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.2116, 0.3429, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **48.2455, 0.3528, 0.2973**, and if you desaturate by 10%, it is **69.7222, 0.3236, 0.3189**.

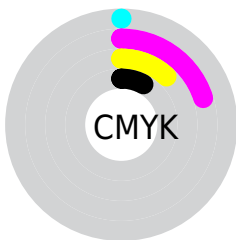
Distribution



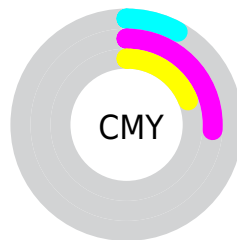
- Red (92%)
- Green (74%)
- Blue (81%)



- Red (92%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1336, 0.3368, 0.3083 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 58.1336, 0.3368, 0.3083 by changing the saturation by 10% instead.


 58.1336, 0.3368,
0.3083

 58.1336, 0.3368,
0.3083

417.6836, 0.3253,
0.3181

 41.9161, 0.3395,
0.3060

 102.1174, 0.3327,
0.3118

 29.0356, 0.3430,
0.3031


130.6524, 0.3312,
0.3131

 19.1077, 0.3474,
0.2994


164.0621, 0.3298,
0.3142

 11.7481, 0.3534,
0.2944

202.7308, 0.3287,
0.3152

 6.5724, 0.3619,
0.2874

247.0429, 0.3277,
0.3161

 3.1962, 0.3747,
0.2770


297.3828, 0.3268,

 1.2350, 0.3966,


0.3169


0.2595


354.1349, 0.3260,
0.3175

 0.0900, 0.5834,
0.0922


 0.0000, 0.0000,
0.0000


 58.1336, 0.3368,
0.3083


 58.1336, 0.3368,
0.3083


 48.2455, 0.3528,
0.2973


 69.7222, 0.3236,
0.3189


 39.9696, 0.3721,
0.2864

 83.0786, 0.3127,
0.3290

 33.2212, 0.3949,
0.2763

 96.0202, 0.3039,
0.3349

 27.9048, 0.4211,
0.2679

 96.4014, 0.3005,
0.3290

■ 23.9141, 0.4502,
0.2626

■ 21.1276, 0.4810,
0.2615

■ 19.4011, 0.5114,
0.2657

■ 18.4900, 0.5396,
0.2746

■ 18.4897, 0.5396,
0.2746

Harmonies

Analogous

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



58.1336, 0.3106, 0.2927



58.1336, 0.3368, 0.3083



58.1336, 0.3569, 0.3291

Triad

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



58.1336, 0.3368, 0.3083



58.1336, 0.3386, 0.3754



58.1336, 0.2634, 0.3039

Complementary

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



58.1336, 0.3368, 0.3083



75.0625, 0.2936, 0.3507

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.



58.1336, 0.2703, 0.3264



58.1336, 0.3368, 0.3083



58.1336, 0.3131, 0.3693

Square

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



58.1336, 0.3368, 0.3083



58.1336, 0.3577, 0.3680



58.1336, 0.2882, 0.3509



58.1336, 0.2691, 0.2895

Rectangle

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



58.1336, 0.3368, 0.3083



58.1336, 0.3637, 0.3438



58.1336, 0.2882, 0.3509



58.1336, 0.2644, 0.3107

Sweetspot

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



58.1362, 0.3368, 0.3083



90.0509, 0.3190, 0.3230



56.4766, 0.2998, 0.2770



19.0530, 0.3197, 0.3224



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.



58.1362, 0.3368, 0.3083



64.8466, 0.3430, 0.3038



58.9570, 0.3516, 0.3334



15.1551, 0.3229, 0.3195



10.3146, 0.5355, 0.2724



0.8286, 0.4991, 0.2523

Inverse Universe

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



58.1362, 0.3368, 0.3083



64.8466, 0.3430, 0.3038



73.8862, 0.2826, 0.3245



15.1551, 0.3229, 0.3195



10.3146, 0.5355, 0.2724



0.8286, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 58.1336, 0.3368, 0.3083 looks on a white background.

Color Contrast Check

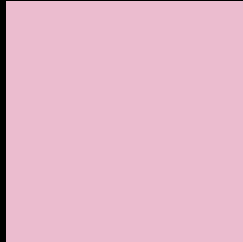
Large Text (above 18pt) WCAG AA × Fail

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 58.1336, 0.3368, 0.3083 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 58.1336, 0.3368, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 58.1336, 0.3368, 0.3083.



This preview shows how white text looks on a background with the Yxy color 58.1336, 0.3368, 0.3083.

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

58.1336, 0.3368, 0.3083

Protanopia

58.5811, 0.3035, 0.3126

Deuteranopia

58.3919, 0.3229, 0.3165



Tritanopia

58.3692, 0.3399, 0.3137

Trichromacy



Original Color

58.1336, 0.3368, 0.3083

Protanomaly

58.3291, 0.3151, 0.3118

Deuteranomaly

58.0028, 0.3281, 0.3133

Tritanomaly

58.4170, 0.3391, 0.3127

Monochromacy



Original Color

58.1336, 0.3368, 0.3083

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2430, 0.3210, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1336, 0.3368, 0.3083 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(235, 188, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 207)  
}
```

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(235, 188, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.1336, 0.3368, 0.3083 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(235, 188, 207) }
```

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

```
.border{ border-color:rgb(235, 188, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1336, 0.3368, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 207) }
```

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

```
.background{ background-color: rgb(235,  
188, 207) }
```

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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