

Converting Colors

Yxy(57.7630, 0.3383, 0.3100)

Have a look what the booklet for
Yxy(57.7630, 0.3383, 0.3100)
contains.

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Color

Yxy(58.0364, 0.3384, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	EBBCCD
RGB	235, 188, 205
RGB Percent	92%, 74%, 80%
CMY	0.0786, 0.2626, 0.1961
CMYK	0.00, 0.20, 0.13, 0.08
HSL	338°, 54%, 83%
HSV	338°, 20%, 92%
XYZ	63.2513, 58.0364, 65.6251
YIQ	203.9910, 22.5550, 15.2510

Conversions

Conversions Part 2

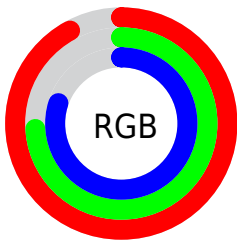
Format	Color
R_{YB}	235, 188, 205
Decimal	15449293
CIE _{Lab}	80.76, 19.46, -2.11
CIE _{LCh}	81, 19.579, 353.801
Yxy	58.0364, 0.3384, 0.3105
Android (android.graphics.Color)	4293639373 (0xFFEBBCCD)
YUV	203.9910, 0.4974, 27.1949
Hunter-Lab	76.1816, 14.8852, 2.2530

Details

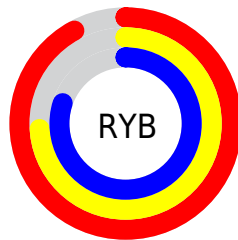
The Yxy color **58.0364, 0.3384, 0.3105** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1440, 0.2925, 0.3483**, and the grayscale version is **60.3631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.1460, 0.3451, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **48.1129, 0.3556, 0.3007**, and if you desaturate by 10%, it is **69.6687, 0.3243, 0.3200**.

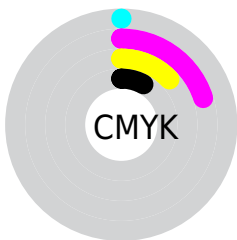
Distribution



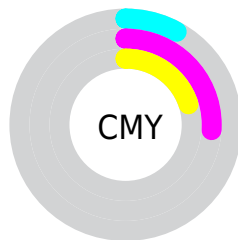
- Red (92%)
- Green (74%)
- Blue (80%)



- Red (92%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (8%)




- Cyan (8%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0364, 0.3384, 0.3105 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 58.0364, 0.3384, 0.3105 by changing the saturation by 10% instead.

 58.0364, 0.3384,
0.3105

 58.0364, 0.3384,
0.3105


417.3216, 0.3261,
0.3193

 41.8379, 0.3413,
0.3084


 101.9759, 0.3340,
0.3136

 28.9744, 0.3450,
0.3058

130.4856, 0.3324,
0.3148

 19.0615, 0.3498,
0.3024


163.8679, 0.3309,
0.3158

 11.7147, 0.3562,
0.2979

202.5072, 0.3297,
0.3167

 6.5497, 0.3654,
0.2915

246.7878, 0.3286,
0.3175

 3.1821, 0.3793,
0.2819

297.0941, 0.3277,

 1.2275, 0.4033,

0.3182

0.2657

353.8106, 0.3268,
0.3188

0.0840, 0.6319,
0.0957

0.0000, 0.0000,
0.0000

58.0364, 0.3384,
0.3105

58.0364, 0.3384,
0.3105

48.1129, 0.3556,
0.3007

69.6687, 0.3243,
0.3200

39.8095, 0.3764,
0.2909

83.0773, 0.3127,
0.3290

33.0411, 0.4011,
0.2819

96.0753, 0.3033,
0.3339

27.7121, 0.4296,
0.2746

96.3938, 0.3005,
0.3290

■ 23.7155, 0.4614,
0.2702

■ 20.9296, 0.4947,
0.2699

■ 19.2097, 0.5274,
0.2748

■ 18.3116, 0.5569,
0.2842

■ 18.3095, 0.5570,
0.2842

Harmonies

Analogous

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



58.0364, 0.3131, 0.2946



58.0364, 0.3384, 0.3105



58.0364, 0.3571, 0.3312

Triad

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



58.0364, 0.3384, 0.3105



58.0364, 0.3359, 0.3743



58.0364, 0.2646, 0.3028

Complementary

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



58.0364, 0.3384, 0.3105



75.1440, 0.2925, 0.3483

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.



58.0364, 0.2701, 0.3242



58.0364, 0.3384, 0.3105



58.0364, 0.3107, 0.3671

Square

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



58.0364, 0.3384, 0.3105



58.0364, 0.3554, 0.3683



58.0364, 0.2868, 0.3483



58.0364, 0.2712, 0.2897

Rectangle

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



58.0364, 0.3384, 0.3105



58.0364, 0.3628, 0.3454



58.0364, 0.2868, 0.3483



58.0364, 0.2651, 0.3093

Sweetspot

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



58.0390, 0.3384, 0.3105



90.0106, 0.3194, 0.3237



56.8389, 0.3016, 0.2774



19.0435, 0.3202, 0.3231



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.



58.0390, 0.3384, 0.3105



64.7092, 0.3451, 0.3065



59.9952, 0.3511, 0.3360



15.1441, 0.3236, 0.3205



10.2172, 0.5528, 0.2819



0.8202, 0.5146, 0.2609

Inverse Universe

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



58.0390, 0.3384, 0.3105



64.7092, 0.3451, 0.3065



72.5596, 0.2824, 0.3219



15.1441, 0.3236, 0.3205



10.2172, 0.5528, 0.2819



0.8202, 0.5146, 0.2609

Previews

White Background



This preview shows how the Yxy color 58.0364, 0.3384, 0.3105 looks on a white background.

Color Contrast Check

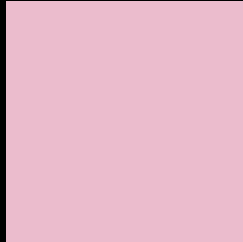
Large Text (above 18pt) WCAG AA × Fail

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 58.0364, 0.3384, 0.3105 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 58.0364, 0.3384, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 58.0364, 0.3384, 0.3105.



This preview shows how white text looks on a background with the Yxy color 58.0364, 0.3384, 0.3105.

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

58.0364, 0.3384, 0.3105

Protanopia

58.4795, 0.3049, 0.3149

Deuteranopia

58.0033, 0.3253, 0.3177



Tritanopia

57.9404, 0.3401, 0.3126

Trichromacy



Original Color

58.0364, 0.3384, 0.3105

Protanomaly

58.2294, 0.3166, 0.3141

Deuteranomaly

58.0665, 0.3304, 0.3156

Tritanomaly

57.9882, 0.3393, 0.3116

Monochromacy



Original Color

58.0364, 0.3384, 0.3105

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1949, 0.3217, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0364, 0.3384, 0.3105 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 205) }
```

Border

The CSS property to change the border of an element to Yxy 58.0364, 0.3384, 0.3105 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, 205) }
```

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

```
.border{ border-color:rgb(235, 188, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0364, 0.3384, 0.3105 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, 205) }
```

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

```
.background{ background-color: rgb(235,  
188, 205) }
```

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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