

Converting Colors

$Y_{xy}(58.5060, 0.3284, 0.3059)$

Have a look what the booklet for
Yxy(58.5060, 0.3284, 0.3059)
contains.

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Color

Yxy(58.2384, 0.3277, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	E5BED4
RGB	229, 190, 212
RGB Percent	90%, 75%, 83%
CMY	0.1019, 0.2549, 0.1687
CMYK	0.00, 0.17, 0.07, 0.10
HSL	326°, 43%, 82%
HSV	326°, 17%, 90%
XYZ	62.6139, 58.2384, 70.2185
YIQ	204.1690, 16.1820, 15.1100

Conversions

Conversions Part 2

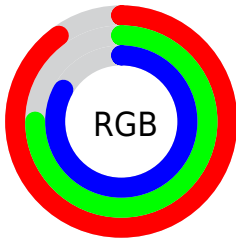
Format	Color
R _Y B	229, 190, 212
Decimal	15056596
CIE Lab	80.87, 17.51, -5.77
CIE LCh	81, 18.438, 341.749
Yxy	58.2384, 0.3277, 0.3048
Android (android.graphics.Color)	4293246676 (0xFFE5BED4)
YUV	204.1690, 3.8607, 21.7768
Hunter-Lab	76.3141, 12.9054, -1.1344

Details

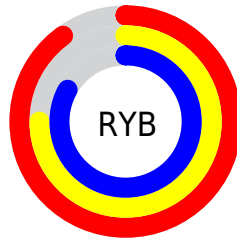
The Yxy color **58.2384, 0.3277, 0.3048** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5051, 0.3001, 0.3545**, and the grayscale version is **60.4657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **28.9269, 0.3317, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **48.5983, 0.3389, 0.2898**, and if you desaturate by 10%, it is **69.4737, 0.3183, 0.3193**.

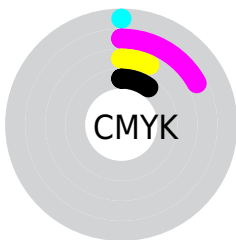
Distribution



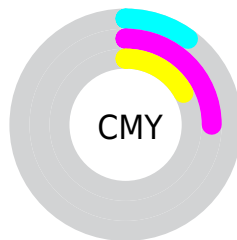
- Red (90%)
- Green (75%)
- Blue (83%)



- Red (90%)
- Yellow (75%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2384, 0.3277, 0.3048 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 58.2384, 0.3277, 0.3048 by changing the saturation by 10% instead.


 58.2384, 0.3277,
0.3048

 58.2384, 0.3277,
0.3048


418.0737, 0.3206,
0.3162

 42.0003, 0.3294,
0.3021

 102.2699, 0.3252,
0.3088

 29.1016, 0.3314,
0.2988


130.8322, 0.3242,
0.3104

 19.1577, 0.3341,
0.2945


164.2713, 0.3234,
0.3117

 11.7843, 0.3377,
0.2889

202.9717, 0.3227,
0.3128

 6.5969, 0.3427,
0.2810

247.3178, 0.3221,
0.3138

 3.2113, 0.3502,
0.2693


297.6938, 0.3215,

 1.2430, 0.3626,


0.3147


0.2501


354.4843, 0.3210,
0.3155

 0.0964, 0.4617,
0.0858

 0.0000, 0.0000,
0.0000


 58.2384, 0.3277,
0.3048


 58.2384, 0.3277,
0.3048


 48.5983, 0.3389,
0.2898


 69.4737, 0.3183,
0.3193


 40.4725, 0.3520,
0.2749

 82.3648, 0.3106,
0.3330

 33.7846, 0.3673,
0.2605

 94.5915, 0.3042,
0.3421

 28.4485, 0.3847,
0.2478

 95.2088, 0.2986,
0.3320

■ 24.3688, 0.4040,
0.2378

■ 95.4018, 0.2970,
0.3290

■ 21.4372, 0.4245,
0.2319

■ 19.5273, 0.4453,
0.2309

■ 18.4749, 0.4657,
0.2353

■ 18.2478, 0.4717,
0.2372

Harmonies

Analogous

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



58.2384, 0.3034, 0.2926



58.2384, 0.3277, 0.3048



58.2384, 0.3485, 0.3230

Triad

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



58.2384, 0.3277, 0.3048



58.2384, 0.3429, 0.3707



58.2384, 0.2681, 0.3119

Complementary

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



58.2384, 0.3277, 0.3048



71.5051, 0.3001, 0.3545

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.



58.2384, 0.2778, 0.3337



58.2384, 0.3277, 0.3048



58.2384, 0.3206, 0.3689

Square

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



58.2384, 0.3277, 0.3048



58.2384, 0.3574, 0.3608



58.2384, 0.2969, 0.3552



58.2384, 0.2697, 0.2959

Rectangle

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



58.2384, 0.3277, 0.3048



58.2384, 0.3573, 0.3365



58.2384, 0.2969, 0.3552



58.2384, 0.2701, 0.3188

Sweetspot

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



58.2410, 0.3277, 0.3048



91.7798, 0.3167, 0.3221



55.7372, 0.2975, 0.2846



19.4067, 0.3172, 0.3211



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.



58.2410, 0.3277, 0.3048



70.3138, 0.3309, 0.3002



57.3206, 0.3432, 0.3262



14.5033, 0.3205, 0.3158



10.4555, 0.4687, 0.2356



0.7912, 0.4412, 0.2204

Inverse Universe

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



58.2410, 0.3277, 0.3048



70.3138, 0.3309, 0.3002



72.5125, 0.2886, 0.3319



14.5033, 0.3205, 0.3158



10.4555, 0.4687, 0.2356



0.7912, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 58.2384, 0.3277, 0.3048 looks on a white background.

Color Contrast Check

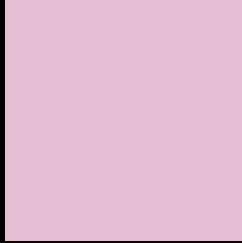
Large Text (above 18pt) WCAG AA × Fail

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 58.2384, 0.3277, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

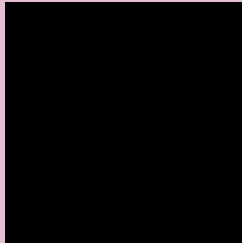
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2384, 0.3277, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 58.2384, 0.3277, 0.3048.



This preview shows how white text looks on a background with the Yxy color 58.2384, 0.3277, 0.3048.

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

58.2384, 0.3277, 0.3048

Protanopia

58.6499, 0.3000, 0.3080

Deuteranopia

58.3323, 0.3175, 0.3108



Tritanopia

58.2118, 0.3315, 0.3124

Trichromacy



Original Color

58.2384, 0.3277, 0.3048

Protanomaly

58.2866, 0.3099, 0.3061

Deuteranomaly

58.2152, 0.3217, 0.3088

Tritanomaly

58.3097, 0.3299, 0.3102

Monochromacy



Original Color

58.2384, 0.3277, 0.3048

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4980, 0.3178, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2384, 0.3277, 0.3048 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, 190, 212)` looks like.

```
.text, #text, p{  
    color:rgb(229, 190, 212)  
}
```

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, 190, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 190, 212) }
```

Border

The CSS property to change the border of an element to Yxy 58.2384, 0.3277, 0.3048 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, 190, 212) }
```

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

```
.border{ border-color:rgb(229, 190, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 190, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 190, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 190, 212);  
box-shadow:4px 4px 4px 4px rgb(229, 190,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2384, 0.3277, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 190, 212) }
```

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

```
.background{ background-color: rgb(229,  
190, 212) }
```

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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