

Converting Colors

$Y_{xy}(58.6535, 0.3288, 0.2977)$

Have a look what the booklet for
Yxy(58.6535, 0.3288, 0.2977)
contains.

Yxy(58.6384, 0.3288, 0.2977)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6384, 0.3288, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	EBBCD9
RGB	235, 188, 217
RGB Percent	92%, 74%, 85%
CMY	0.0785, 0.2627, 0.1489
CMYK	0.00, 0.20, 0.08, 0.08
HSL	323°, 54%, 83%
HSV	323°, 20%, 92%
XYZ	64.7642, 58.6384, 73.5688
YIQ	205.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

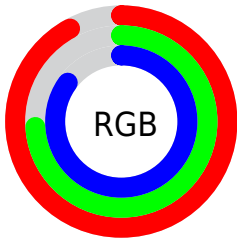
Format	Color
R _Y B	235, 188, 217
Decimal	15449305
CIE Lab	81.09, 21.48, -8.10
CIE LCh	81, 22.957, 339.344
Yxy	58.6384, 0.3288, 0.2977
Android (android.graphics.Color)	4293639385 (0xFFEBBCD9)
YUV	205.3590, 5.7390, 25.9952
Hunter-Lab	76.5757, 16.9596, -3.3589

Details

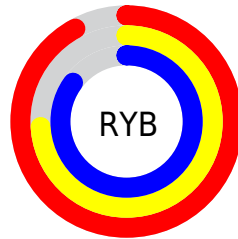
The Yxy color $58.6384, 0.3288, 0.2977$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.5479, 0.2995, 0.3625$, and the grayscale version is $61.2457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $29.2425, 0.3333, 0.2897$ is the 20% darker color. If you saturate the color by 10%, you get $48.9501, 0.3391, 0.2813$, and if you desaturate by 10%, it is $69.9917, 0.3200, 0.3137$.

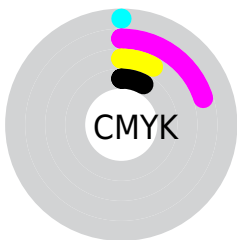
Distribution



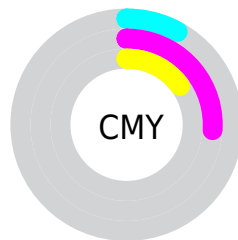
- Red (92%)
- Green (74%)
- Blue (85%)



- Red (92%)
- Yellow (74%)
- Blue (85%)



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





- Cyan (8%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6384, 0.3288, 0.2977 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 58.6384, 0.3288, 0.2977 by changing the saturation by 10% instead.


 58.6384, 0.3288,
0.2977

 58.6384, 0.3288,
0.2977

419.5606, 0.3213,
0.3124

 42.3221, 0.3305,
0.2943


 102.8519, 0.3262,
0.3028

 29.3536, 0.3327,
0.2901


131.5180, 0.3251,
0.3048

 19.3485, 0.3355,
0.2847


165.0693, 0.3243,
0.3065

 11.9223, 0.3392,
0.2776

203.8905, 0.3235,
0.3080

 6.6908, 0.3443,
0.2678

248.3658, 0.3228,
0.3093

 3.2695, 0.3517,
0.2535

298.8796, 0.3223,

 1.2740, 0.3638,

0.3104

0.2306

355.8164, 0.3217,
0.3115

0.1209, 0.4385,
0.0829

0.0000, 0.0000,
0.0000

58.6384, 0.3288,
0.2977

58.6384, 0.3288,
0.2977

48.9501, 0.3391,
0.2813

69.9917, 0.3200,
0.3137

40.8397, 0.3512,
0.2651

83.0762, 0.3127,
0.3290

34.2237, 0.3650,
0.2499

95.7069, 0.3067,
0.3400

29.0081, 0.3804,
0.2367

96.2657, 0.3017,
0.3310

■ 25.0877, 0.3971,
0.2267

■ 96.3974, 0.3005,
0.3290

■ 22.3428, 0.4145,
0.2211

■ 20.6305, 0.4320,
0.2205

■ 19.7086, 0.4491,
0.2248

■ 19.7074, 0.4491,
0.2248

Harmonies

Analogous

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



58.6384, 0.2986, 0.2836



58.6384, 0.3288, 0.2977



58.6384, 0.3556, 0.3194

Triad

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



58.6384, 0.3288, 0.2977



58.6384, 0.3519, 0.3803



58.6384, 0.2582, 0.3093

Complementary

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



58.6384, 0.3288, 0.2977



74.5479, 0.2995, 0.3625

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.



58.6384, 0.2710, 0.3370



58.6384, 0.3288, 0.2977



58.6384, 0.3247, 0.3799

Square

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



58.6384, 0.3288, 0.2977



58.6384, 0.3690, 0.3666



58.6384, 0.2951, 0.3637



58.6384, 0.2590, 0.2890

Rectangle

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



58.6384, 0.3288, 0.2977



58.6384, 0.3673, 0.3359



58.6384, 0.2951, 0.3637



58.6384, 0.2610, 0.3181

Sweetspot

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



58.6410, 0.3288, 0.2977



90.2528, 0.3170, 0.3199



54.9811, 0.2921, 0.2758



19.1007, 0.3175, 0.3189



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.



58.6410, 0.3288, 0.2977



65.5589, 0.3329, 0.2910



57.5372, 0.3472, 0.3222



15.2105, 0.3196, 0.3145



10.9967, 0.4465, 0.2233



0.8822, 0.4244, 0.2112

Inverse Universe

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



58.6410, 0.3288, 0.2977



65.5589, 0.3329, 0.2910



75.7347, 0.2863, 0.3360



15.2105, 0.3196, 0.3145



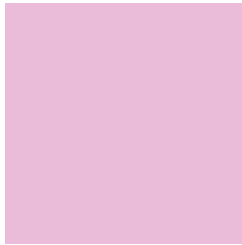
10.9967, 0.4465, 0.2233



0.8822, 0.4244, 0.2112

Previews

White Background



This preview shows how the Yxy color 58.6384, 0.3288, 0.2977 looks on a white background.

Color Contrast Check

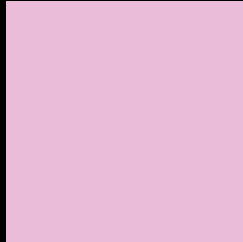
Large Text (above 18pt) WCAG AA × Fail

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 58.6384, 0.3288, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

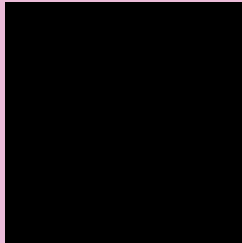
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6384, 0.3288, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 58.6384, 0.3288, 0.2977.



This preview shows how white text looks on a background with the Yxy color 58.6384, 0.3288, 0.2977.

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

58.6384, 0.3288, 0.2977

Protanopia

58.7506, 0.2938, 0.3000

Deuteranopia

58.8848, 0.3130, 0.3064



Tritanopia

58.5583, 0.3365, 0.3126

Trichromacy



Original Color

58.6384, 0.3288, 0.2977

Protanomaly

58.6027, 0.3056, 0.2995

Deuteranomaly

58.6274, 0.3187, 0.3034

Tritanomaly

58.4911, 0.3343, 0.3072

Monochromacy



Original Color

58.6384, 0.3288, 0.2977

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.0492, 0.3187, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6384, 0.3288, 0.2977 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 217) }
```

Border

The CSS property to change the border of an element to Yxy 58.6384, 0.3288, 0.2977 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, 217) }
```

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

```
.border{ border-color:rgb(235, 188, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6384, 0.3288, 0.2977 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, 217) }
```

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

```
.background{ background-color: rgb(235,  
188, 217) }
```

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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