

Converting Colors

Yxy(58.9728, 0.3240, 0.2912)

Have a look what the booklet for
Yxy(58.9728, 0.3240, 0.2912)
contains.

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Color

Yxy(58.9563, 0.3242, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	EBBCDF
RGB	235, 188, 223
RGB Percent	92%, 74%, 87%
CMY	0.0783, 0.2628, 0.1255
CMYK	0.00, 0.20, 0.05, 0.08
HSL	315°, 54%, 83%
HSV	315°, 20%, 92%
XYZ	65.5699, 58.9563, 77.7252
YIQ	206.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

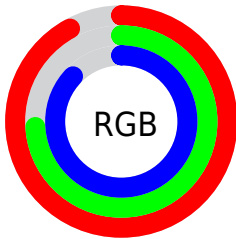
Format	Color
R _Y B	235, 188, 223
Decimal	15449311
CIE Lab	81.27, 22.54, -11.04
CIE LCh	81, 25.102, 333.906
Yxy	58.9563, 0.3242, 0.2915
Android (android.graphics.Color)	4293639391 (0xFFEBBCDF)
YUV	206.0430, 8.3598, 25.3953
Hunter-Lab	76.7830, 18.0623, -6.2695

Details

The Yxy color **58.9563, 0.3242, 0.2915** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2990, 0.3029, 0.3697**, and the grayscale version is **61.6906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **29.4611, 0.3269, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **49.4029, 0.3314, 0.2721**, and if you desaturate by 10%, it is **70.1616, 0.3180, 0.3106**.

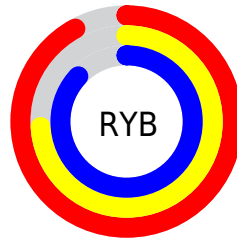
Distribution



Red (92%)

Green (74%)

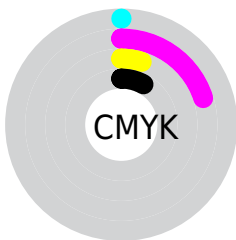
Blue (87%)



Red (92%)

Yellow (74%)

Blue (87%)

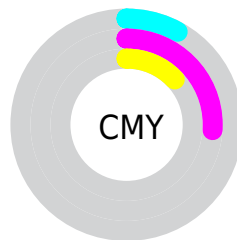


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (8%)



Cyan (8%)


Magenta (26%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9563, 0.3242, 0.2915 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 58.9563, 0.3242, 0.2915 by changing the saturation by 10% instead.


 58.9563, 0.3242,
0.2915

 58.9563, 0.3242,
0.2915

420.7400, 0.3189,
0.3090

 42.5779, 0.3254,
0.2875


 103.3141, 0.3224,
0.2976

 29.5541, 0.3268,
0.2825


132.0624, 0.3217,
0.2999

 19.5004, 0.3287,
0.2762


165.7028, 0.3211,
0.3020

 12.0324, 0.3310,
0.2680

204.6197, 0.3205,
0.3037

 6.7657, 0.3342,
0.2567

249.1974, 0.3201,
0.3053

 3.3160, 0.3387,
0.2403

299.8205, 0.3197,

 1.2989, 0.3453,

0.3066

0.2146

356.8732, 0.3193,
0.3079

0.1403, 0.3910,
0.0802

0.0000, 0.0000,
0.0000

58.9563, 0.3242,
0.2915

58.9563, 0.3242,
0.2915

49.4029, 0.3314,
0.2721

70.1616, 0.3180,
0.3106

41.4145, 0.3395,
0.2531

83.0849, 0.3127,
0.3290

34.9079, 0.3485,
0.2353

95.5416, 0.3084,
0.3429

29.7891, 0.3584,
0.2198

95.9074, 0.3050,
0.3368

■ 25.9535, 0.3688,
0.2076

■ 96.2853, 0.3016,
0.3309

■ 23.2811, 0.3794,
0.1996

■ 96.4080, 0.3006,
0.3290

■ 21.6296, 0.3898,
0.1965

■ 20.7567, 0.3999,
0.1977

Harmonies

Analogous

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



58.9563, 0.2917, 0.2781



58.9563, 0.3242, 0.2915



58.9563, 0.3549, 0.3138

Triad

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



58.9563, 0.3242, 0.2915



58.9563, 0.3598, 0.3833



58.9563, 0.2549, 0.3124

Complementary

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



58.9563, 0.3242, 0.2915



74.2990, 0.3029, 0.3697

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.



58.9563, 0.2713, 0.3433



58.9563, 0.3242, 0.2915



58.9563, 0.3315, 0.3861

Square

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



58.9563, 0.3242, 0.2915



58.9563, 0.3759, 0.3658



58.9563, 0.2990, 0.3714



58.9563, 0.2531, 0.2884

Rectangle

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



58.9563, 0.3242, 0.2915



58.9563, 0.3696, 0.3314



58.9563, 0.2990, 0.3714



58.9563, 0.2588, 0.3224

Sweetspot

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



58.9589, 0.3242, 0.2915



90.3738, 0.3158, 0.3180



54.2096, 0.2879, 0.2751



19.1294, 0.3162, 0.3168



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.



58.9589, 0.3242, 0.2915



66.0058, 0.3270, 0.2836



57.7906, 0.3428, 0.3162



15.2440, 0.3177, 0.3116



11.5700, 0.3983, 0.1968



0.9240, 0.3852, 0.1896

Inverse Universe

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



58.9589, 0.3242, 0.2915



66.0058, 0.3270, 0.2836



75.4695, 0.2894, 0.3423



15.2440, 0.3177, 0.3116



11.5700, 0.3983, 0.1968



0.9240, 0.3852, 0.1896

Previews

White Background



This preview shows how the Yxy color 58.9563, 0.3242, 0.2915 looks on a white background.

Color Contrast Check

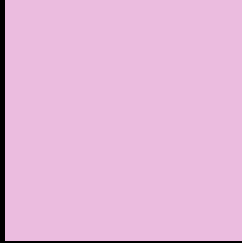
Large Text (above 18pt) WCAG AA × Fail

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 58.9563, 0.3242, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

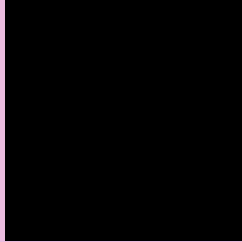
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9563, 0.3242, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 58.9563, 0.3242, 0.2915.



This preview shows how white text looks on a background with the Yxy color 58.9563, 0.3242, 0.2915.

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

58.9563, 0.3242, 0.2915

Protanopia

59.4131, 0.2892, 0.2945

Deuteranopia

59.2991, 0.3078, 0.3019



Tritanopia

59.0415, 0.3356, 0.3126

Trichromacy



Original Color

58.9563, 0.3242, 0.2915

Protanomaly

58.9302, 0.3014, 0.2930

Deuteranomaly

59.2297, 0.3134, 0.2980

Tritanomaly

59.0728, 0.3318, 0.3051

Monochromacy



Original Color

58.9563, 0.3242, 0.2915

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.3520, 0.3173, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9563, 0.3242, 0.2915 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 223) }
```

Border

The CSS property to change the border of an element to Yxy 58.9563, 0.3242, 0.2915 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, 223) }
```

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

```
.border{ border-color:rgb(235, 188, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9563, 0.3242, 0.2915 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, 223) }
```

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

```
.background{ background-color: rgb(235,  
188, 223) }
```

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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