

Converting Colors

$Y_{xy}(58.9725, 0.3220, 0.2861)$

Have a look what the booklet for
Yxy(58.9725, 0.3220, 0.2861)
contains.

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Color

Yxy(58.9196, 0.3220, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	ECBBE3
RGB	236, 187, 227
RGB Percent	93%, 73%, 89%
CMY	0.0743, 0.2667, 0.1098
CMYK	0.00, 0.21, 0.04, 0.07
HSL	311°, 56%, 83%
HSV	311°, 21%, 93%
XYZ	66.2434, 58.9196, 80.5619
YIQ	206.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

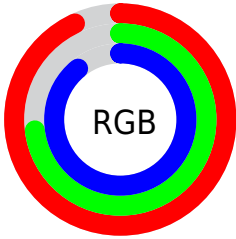
Format	Color
R _Y B	236, 187, 227
Decimal	15514595
CIE Lab	81.25, 24.14, -13.22
CIE LCh	81, 27.523, 331.283
Yxy	58.9196, 0.3220, 0.2864
Android (android.graphics.Color)	4293704675 (0xFFECBBE3)
YUV	206.2110, 10.2490, 26.1250
Hunter-Lab	76.7591, 19.7178, -8.4959

Details

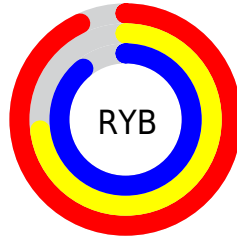
The Yxy color $58.9196, 0.3220, 0.2864$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $74.5752, 0.3046, 0.3757$, and the grayscale version is $61.7933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $29.4569, 0.3239, 0.2753$ is the 20% darker color. If you saturate the color by 10%, you get $49.4800, 0.3275, 0.2654$, and if you desaturate by 10%, it is $70.0166, 0.3172, 0.3073$.

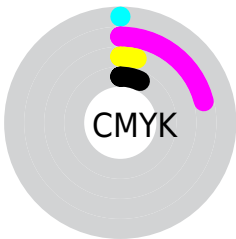
Distribution



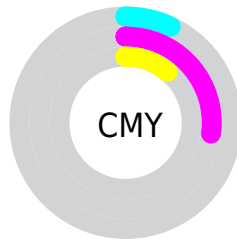
- Red (93%)
- Green (73%)
- Blue (89%)



- Red (93%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9196, 0.3220, 0.2864 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 58.9196, 0.3220, 0.2864 by changing the saturation by 10% instead.


 58.9196, 0.3220,
0.2864

 58.9196, 0.3220,
0.2864


420.6039, 0.3179,
0.3061

 42.5484, 0.3229,
0.2819


 103.2608, 0.3206,
0.2932

 29.5309, 0.3240,
0.2763


131.9996, 0.3200,
0.2959

 19.4828, 0.3253,
0.2693


165.6297, 0.3196,
0.2982

 12.0197, 0.3270,
0.2601

204.5355, 0.3191,
0.3002

 6.7571, 0.3292,
0.2475

249.1015, 0.3188,
0.3020

 3.3107, 0.3321,
0.2296

299.7119, 0.3184,

 1.2960, 0.3359,

0.3035

0.2017

356.7513, 0.3181,
0.3049

0.1381, 0.3718,
0.0713

0.0000, 0.0000,
0.0000

58.9196, 0.3220,
0.2864

58.9196, 0.3220,
0.2864

49.4800, 0.3275,
0.2654

70.0166, 0.3172,
0.3073

41.6097, 0.3335,
0.2450

82.8381, 0.3130,
0.3274

35.2241, 0.3402,
0.2260

95.6587, 0.3095,
0.3439

30.2276, 0.3472,
0.2096

95.9206, 0.3071,
0.3395

■ 26.5132, 0.3545,
0.1967

■ 96.1887, 0.3046,
0.3351

■ 23.9586, 0.3617,
0.1880

■ 96.4632, 0.3022,
0.3308

■ 22.4175, 0.3687,
0.1840

■ 96.5833, 0.3012,
0.3290

■ 21.6729, 0.3748,
0.1838

Harmonies

Analogous

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



58.9196, 0.2867, 0.2728



58.9196, 0.3220, 0.2864



58.9196, 0.3564, 0.3099

Triad

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



58.9196, 0.3220, 0.2864



58.9196, 0.3665, 0.3873



58.9196, 0.2505, 0.3134

Complementary

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



58.9196, 0.3220, 0.2864



74.5752, 0.3046, 0.3757

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.



58.9196, 0.2696, 0.3477



58.9196, 0.3220, 0.2864



58.9196, 0.3361, 0.3924

Square

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



58.9196, 0.3220, 0.2864



58.9196, 0.3827, 0.3668



58.9196, 0.3006, 0.3779



58.9196, 0.2471, 0.2863

Rectangle

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



58.9196, 0.3220, 0.2864



58.9196, 0.3735, 0.3288



58.9196, 0.3006, 0.3779



58.9196, 0.2552, 0.3245

Sweetspot

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



58.9222, 0.3220, 0.2864



90.4433, 0.3151, 0.3170



53.3247, 0.2844, 0.2724



19.1458, 0.3154, 0.3157



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.



58.9222, 0.3220, 0.2864



65.1167, 0.3243, 0.2773



57.6646, 0.3415, 0.3121



15.2634, 0.3166, 0.3100



11.9574, 0.3738, 0.1833



0.9513, 0.3651, 0.1785

Inverse Universe

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



58.9222, 0.3220, 0.2864



65.1167, 0.3243, 0.2773



75.7832, 0.2904, 0.3466



15.2634, 0.3166, 0.3100



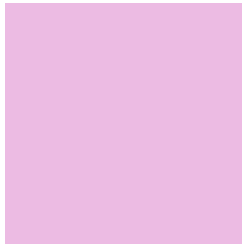
11.9574, 0.3738, 0.1833



0.9513, 0.3651, 0.1785

Previews

White Background



This preview shows how the Yxy color 58.9196, 0.3220, 0.2864 looks on a white background.

Color Contrast Check

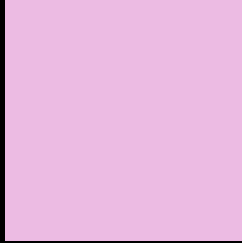
Large Text (above 18pt) WCAG AA × Fail

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 58.9196, 0.3220, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

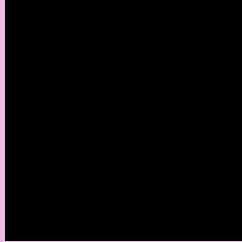
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.9196, 0.3220, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 58.9196, 0.3220, 0.2864.



This preview shows how white text looks on a background with the Yxy color 58.9196, 0.3220, 0.2864.

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

58.9196, 0.3220, 0.2864

Protanopia

58.9668, 0.2845, 0.2877

Deuteranopia

59.2176, 0.3034, 0.2974



Tritanopia

59.0415, 0.3356, 0.3126

Trichromacy



Original Color

58.9196, 0.3220, 0.2864

Protanomaly

58.6150, 0.2971, 0.2865

Deuteranomaly

58.8466, 0.3097, 0.2925

Tritanomaly

59.1744, 0.3302, 0.3030

Monochromacy



Original Color

58.9196, 0.3220, 0.2864

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4536, 0.3158, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9196, 0.3220, 0.2864 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(236, 187, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 187, 227)  
}
```

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(236, 187, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 187, 227) }
```

Border

The CSS property to change the border of an element to Yxy 58.9196, 0.3220, 0.2864 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(236, 187, 227) }
```

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

```
.border{ border-color:rgb(236, 187, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 187, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 187, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 187, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 187,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9196, 0.3220, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 187, 227) }
```

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

```
.background{ background-color: rgb(236,  
187, 227) }
```

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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