

Converting Colors

$Yxy(58.8344, 0.3214, 0.3082)$

Have a look what the booklet for
Yxy(58.8344, 0.3214, 0.3082)
contains.

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Color

Yxy(58.8666, 0.3216, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	DEC2D4
RGB	222, 194, 212
RGB Percent	87%, 76%, 83%
CMY	0.1296, 0.2391, 0.1686
CMYK	0.00, 0.13, 0.04, 0.13
HSL	321°, 30%, 82%
HSV	321°, 13%, 87%
XYZ	61.2868, 58.8666, 70.4150
YIQ	204.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

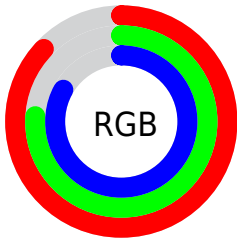
Format	Color
R _{YB}	222, 194, 212
Decimal	14598868
CIE Lab	81.22, 12.92, -5.34
CIE LCh	81, 13.978, 337.554
Yxy	58.8666, 0.3216, 0.3089
Android (android.graphics.Color)	4292788948 (0xFFDEC2D4)
YUV	204.4240, 3.7350, 15.4142
Hunter-Lab	76.7246, 8.3160, -0.7070

Details

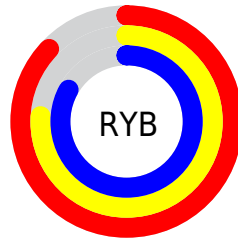
The Yxy color **58.8666, 0.3216, 0.3089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0461, 0.3048, 0.3500**, and the grayscale version is **60.6346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.4060, 0.3246, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **49.3254, 0.3301, 0.2922**, and if you desaturate by 10%, it is **69.9080, 0.3144, 0.3250**.

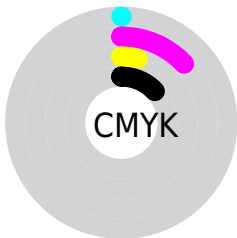
Distribution



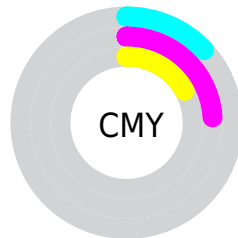
- Red (87%)
- Green (76%)
- Blue (83%)



- Red (87%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8666, 0.3216, 0.3089 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 58.8666, 0.3216, 0.3089 by changing the saturation by 10% instead.


 58.8666, 0.3216,
0.3089

 58.8666, 0.3216,
0.3089


420.4074, 0.3174,
0.3184

 42.5057, 0.3226,
0.3067


 103.1838, 0.3201,
0.3122

 29.4975, 0.3238,
0.3039


131.9088, 0.3196,
0.3135

 19.4575, 0.3254,
0.3003


165.5241, 0.3191,
0.3146

 12.0013, 0.3275,
0.2956

204.4140, 0.3187,
0.3156

 6.7446, 0.3304,
0.2890

248.9629, 0.3183,
0.3164

 3.3029, 0.3347,
0.2791

299.5551, 0.3180,

 1.2918, 0.3418,

0.3172

0.2628

356.5752, 0.3177,
0.3178

0.1349, 0.4038,
0.1228

0.0000, 0.0000,
0.0000

58.8666, 0.3216,
0.3089

58.8666, 0.3216,
0.3089

49.3254, 0.3301,
0.2922

69.9080, 0.3144,
0.3250

41.2112, 0.3402,
0.2752

82.5033, 0.3083,
0.3402

34.4562, 0.3517,
0.2586

93.0818, 0.3034,
0.3488

28.9841, 0.3649,
0.2433

93.5512, 0.2990,
0.3405

■ 24.7110, 0.3793,
0.2303

■ 94.0413, 0.2947,
0.3324

■ 21.5429, 0.3948,
0.2208

■ 94.2614, 0.2928,
0.3289

■ 19.3714, 0.4108,
0.2158

■ 18.0663, 0.4266,
0.2159

■ 17.4995, 0.4382,
0.2187

Harmonies

Analogous

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



58.8666, 0.3033, 0.3004



58.8666, 0.3216, 0.3089



58.8666, 0.3379, 0.3224

Triad

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



58.8666, 0.3216, 0.3089



58.8666, 0.3376, 0.3599



58.8666, 0.2793, 0.3184

Complementary

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



58.8666, 0.3216, 0.3089



68.0461, 0.3048, 0.3500

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.



58.8666, 0.2879, 0.3351



58.8666, 0.3216, 0.3089



58.8666, 0.3214, 0.3596

Square

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



58.8666, 0.3216, 0.3089



58.8666, 0.3472, 0.3517



58.8666, 0.3032, 0.3505



58.8666, 0.2793, 0.3053

Rectangle

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



58.8666, 0.3216, 0.3089



58.8666, 0.3452, 0.3328



58.8666, 0.3032, 0.3505



58.8666, 0.2813, 0.3238

Sweetspot

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



58.8692, 0.3216, 0.3089



93.4319, 0.3154, 0.3227



56.6746, 0.3001, 0.2967



19.7422, 0.3159, 0.3215



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.



58.8692, 0.3216, 0.3089



77.1297, 0.3236, 0.3047



58.2031, 0.3322, 0.3243



13.8483, 0.3192, 0.3140



10.4217, 0.4360, 0.2175



0.7393, 0.4136, 0.2052

Inverse Universe

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



58.8692, 0.3216, 0.3089



77.1297, 0.3236, 0.3047



68.7369, 0.2961, 0.3338



13.8483, 0.3192, 0.3140



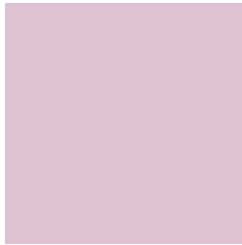
10.4217, 0.4360, 0.2175



0.7393, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 58.8666, 0.3216, 0.3089 looks on a white background.

Color Contrast Check

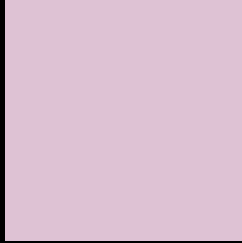
Large Text (above 18pt) WCAG AA × Fail

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 58.8666, 0.3216, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

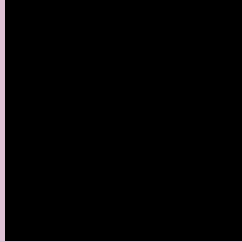
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8666, 0.3216, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 58.8666, 0.3216, 0.3089.



This preview shows how white text looks on a background with the Yxy color 58.8666, 0.3216, 0.3089.

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

58.8666, 0.3216, 0.3089

Protanopia

59.1487, 0.3021, 0.3115

Deuteranopia

58.9850, 0.3175, 0.3109



Tritanopia

58.7663, 0.3232, 0.3111

Trichromacy



Original Color

58.8666, 0.3216, 0.3089

Protanomaly

58.8498, 0.3090, 0.3095

Deuteranomaly

58.8437, 0.3192, 0.3099

Tritanomaly

58.8163, 0.3224, 0.3100

Monochromacy



Original Color

58.8666, 0.3216, 0.3089

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6624, 0.3162, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8666, 0.3216, 0.3089 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(222, 194, 212)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 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(222, 194, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 212) }
```

Border

The CSS property to change the border of an element to Yxy 58.8666, 0.3216, 0.3089 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(222, 194, 212) }
```

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

```
.border{ border-color:rgb(222, 194, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 212);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8666, 0.3216, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 212) }
```

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

```
.background{ background-color: rgb(222,  
194, 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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