

Converting Colors

Yxy(59.0166, 0.3215, 0.3290)

Have a look what the booklet for
Yxy(59.0166, 0.3215, 0.3290)
contains.

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Color

Yxy(58.8659, 0.3214, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D3C7C8
RGB	211, 199, 200
RGB Percent	83%, 78%, 78%
CMY	0.1728, 0.2195, 0.2157
CMYK	0.00, 0.06, 0.05, 0.17
HSL	355°, 12%, 80%
HSV	355°, 6%, 83%
XYZ	57.6990, 58.8659, 62.9590
YIQ	202.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

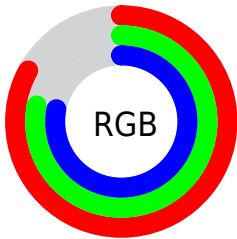
Format	Color
R _Y B	211, 199, 200
Decimal	13879240
CIE Lab	81.22, 4.32, 1.00
CIE LCh	81, 4.434, 12.981
Yxy	58.8659, 0.3214, 0.3279
Android (android.graphics.Color)	4292069320 (0xFFD3C7C8)
YUV	202.7020, -1.3321, 7.2773
Hunter-Lab	76.7241, -0.0295, 5.0541

Details

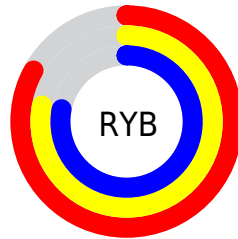
The Yxy color **58.8659, 0.3214, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.3565, 0.3046, 0.3301**, and the grayscale version is **59.5264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.3940, 0.3234, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **48.9738, 0.3397, 0.3258**, and if you desaturate by 10%, it is **70.2236, 0.3067, 0.3298**.

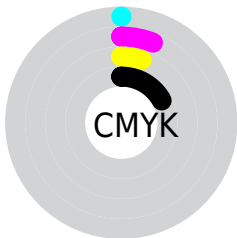
Distribution



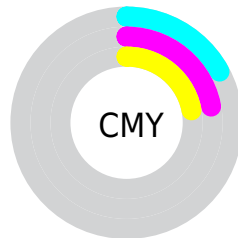
- Red (83%)
- Green (78%)
- Blue (78%)



- Red (83%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8659, 0.3214, 0.3279 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 58.8659, 0.3214, 0.3279 by changing the saturation by 10% instead.

■ 58.8659, 0.3214,
0.3279

■ 58.8659, 0.3214,
0.3279

420.4048, 0.3172,
0.3285

■ 42.5052, 0.3224,
0.3278

103.1827, 0.3199,
0.3281

■ 29.4971, 0.3237,
0.3276

131.9076, 0.3193,
0.3282

■ 19.4572, 0.3253,
0.3274

165.5227, 0.3189,
0.3282

■ 12.0011, 0.3275,
0.3271

204.4124, 0.3184,
0.3283

■ 6.7444, 0.3306,
0.3266

248.9611, 0.3181,
0.3283

■ 3.3028, 0.3355,
0.3259

299.5531, 0.3178,

■ 1.2918, 0.3439,

0.3284

0.3246

356.5728, 0.3175,
0.3284

0.1348, 0.5243,
0.3026

0.0000, 0.0000,
0.0000

58.8659, 0.3214,
0.3279

58.8659, 0.3214,
0.3279

48.9738, 0.3397,
0.3258

70.2236, 0.3067,
0.3298

40.4803, 0.3625,
0.3237

83.0950, 0.2949,
0.3316

33.3245, 0.3906,
0.3215

92.5801, 0.2866,
0.3289

27.4383, 0.4249,
0.3196

■ 22.7475, 0.4652,
0.3181

■ 19.1700, 0.5100,
0.3176

■ 16.6137, 0.5555,
0.3184

■ 14.9715, 0.5956,
0.3208

■ 14.1119, 0.6238,
0.3245

Harmonies

Analogous

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



58.8659, 0.3166, 0.3232



58.8659, 0.3214, 0.3279



58.8659, 0.3238, 0.3329

Triad

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



58.8659, 0.3214, 0.3279



58.8659, 0.3145, 0.3382



58.8659, 0.3023, 0.3210

Complementary

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



58.8659, 0.3214, 0.3279



63.3565, 0.3046, 0.3301

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.



58.8659, 0.3017, 0.3250



58.8659, 0.3214, 0.3279



58.8659, 0.3088, 0.3349

Square

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



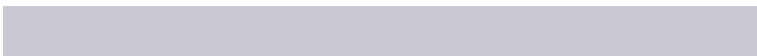
58.8659, 0.3214, 0.3279



58.8659, 0.3198, 0.3389



58.8659, 0.3041, 0.3301



58.8659, 0.3056, 0.3192

Rectangle

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



58.8659, 0.3214, 0.3279



58.8659, 0.3238, 0.3358



58.8659, 0.3041, 0.3301



58.8659, 0.3018, 0.3221

Sweetspot

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



58.8685, 0.3214, 0.3279



96.4909, 0.3157, 0.3286



59.2527, 0.3126, 0.3153



20.6898, 0.3155, 0.3286



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.



58.8685, 0.3214, 0.3279



88.1235, 0.3238, 0.3276



61.1459, 0.3217, 0.3348



12.2363, 0.3245, 0.3275



8.3886, 0.6304, 0.3246



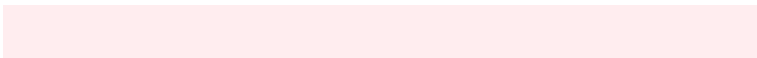
0.4746, 0.6015, 0.3087

Inverse Universe

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



58.8685, 0.3214, 0.3279



88.1235, 0.3238, 0.3276



60.9768, 0.3041, 0.3232



12.2363, 0.3245, 0.3275



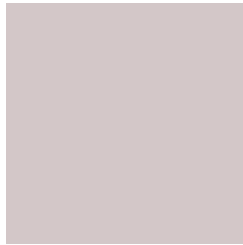
8.3886, 0.6304, 0.3246



0.4746, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 58.8659, 0.3214, 0.3279 looks on a white background.

Color Contrast Check

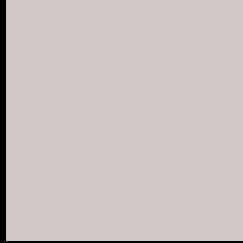
Large Text (above 18pt) WCAG AA × Fail

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 58.8659, 0.3214, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

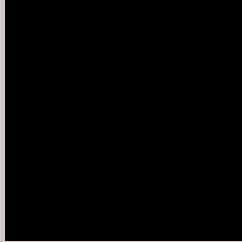
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

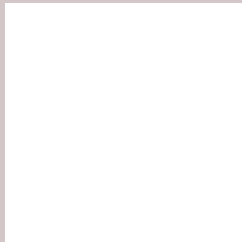
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8659, 0.3214, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 58.8659, 0.3214, 0.3279.

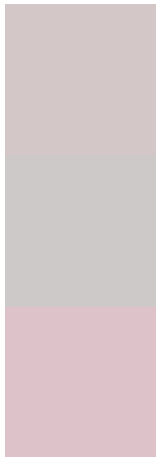


This preview shows how white text looks on a background with the Yxy color 58.8659, 0.3214, 0.3279.

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

58.8659, 0.3214, 0.3279

Protanopia

58.9695, 0.3158, 0.3290

Deuteranopia

58.6194, 0.3291, 0.3222



Tritanopia

58.8827, 0.3136, 0.3108

Trichromacy



Original Color

58.8659, 0.3214, 0.3279

Protanomaly

58.7910, 0.3175, 0.3278

Deuteranomaly

58.4486, 0.3258, 0.3233

Tritanomaly

58.9393, 0.3164, 0.3175

Monochromacy



Original Color

58.8659, 0.3214, 0.3279

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6271, 0.3158, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8659, 0.3214, 0.3279 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 $rgb(211, 199, 200)$ looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 200)  
}
```

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(211, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.8659, 0.3214, 0.3279 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(211, 199, 200) }
```

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

```
.border{ border-color:rgb(211, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8659, 0.3214, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 200) }
```

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

```
.background{ background-color: rgb(211,  
199, 200) }
```

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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