

Converting Colors

$Yxy(58.4686, 0.3078, 0.3184)$

Have a look what the booklet for
Yxy(58.4686, 0.3078, 0.3184)
contains.

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Color

Yxy(58.4686, 0.3078, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	CAC8D1
RGB	202, 200, 209
RGB Percent	79%, 78%, 82%
CMY	0.2078, 0.2157, 0.1803
CMYK	0.03, 0.04, 0.00, 0.18
HSL	253°, 9%, 80%
HSV	253°, 4%, 82%
XYZ	56.5221, 58.4686, 68.6418
YIQ	201.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

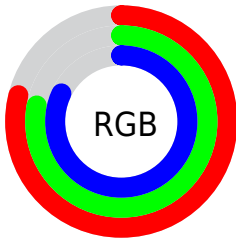
Format	Color
R _{YB}	202, 200, 209
Decimal	13289681
CIE Lab	81.00, 2.37, -4.25
CIE LCh	81, 4.866, 299.114
Yxy	58.4686, 0.3078, 0.3184
Android (android.graphics.Color)	4291479761 (0xFFCAC8D1)
YUV	201.6240, 3.6364, 0.3298
Hunter-Lab	76.4648, -1.8677, 0.3011

Details

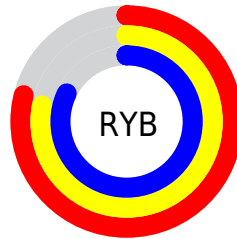
The Yxy color **58.4686, 0.3078, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0511, 0.3175, 0.3395**, and the grayscale version is **58.7961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.2202, 0.3062, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **47.2904, 0.2952, 0.2918**, and if you desaturate by 10%, it is **71.2147, 0.3187, 0.3422**.

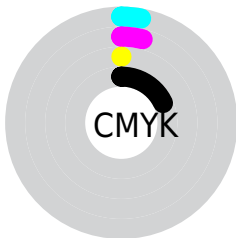
Distribution



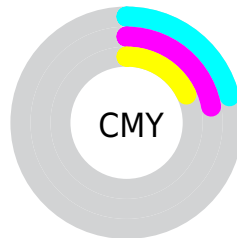
- Red (79%)
- Green (78%)
- Blue (82%)



- Red (79%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4686, 0.3078, 0.3184 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 58.4686, 0.3078, 0.3184 by changing the saturation by 10% instead.

■ 58.4686, 0.3078,
0.3184

■ 58.4686, 0.3078,
0.3184

418.9298, 0.3102,
0.3235

■ 42.1855, 0.3072,
0.3172

102.6049, 0.3086,
0.3202

■ 29.2466, 0.3065,
0.3157

131.2269, 0.3090,
0.3209

■ 19.2674, 0.3056,
0.3137

164.7307, 0.3092,
0.3215

■ 11.8637, 0.3043,
0.3111

203.5007, 0.3095,
0.3220

■ 6.6509, 0.3025,
0.3074

247.9211, 0.3097,
0.3224

■ 3.2448, 0.2997,
0.3017

298.3765, 0.3099,

■ 1.2608, 0.2948,

0.3228

0.2920

355.2513, 0.3100,
0.3232

0.1106, 0.2357,
0.1600

0.0000, 0.0000,
0.0000

58.4686, 0.3078,
0.3184

58.4686, 0.3078,
0.3184

47.2904, 0.2952,
0.2918

71.2147, 0.3187,
0.3422

37.6119, 0.2807,
0.2624

85.5785, 0.3281,
0.3631

29.3709, 0.2646,
0.2308

96.5991, 0.3372,
0.3744

22.4978, 0.2470,
0.1977

97.3846, 0.3400,
0.3740

■ 16.9174, 0.2285,
0.1646

■ 12.5469, 0.2101,
0.1335

■ 9.2938, 0.1928,
0.1064

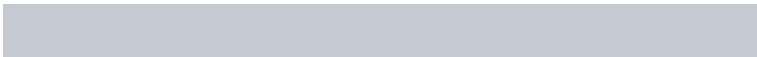
■ 7.0518, 0.1779,
0.0853

■ 5.6929, 0.1663,
0.0714

Harmonies

Analogous

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



58.4686, 0.3029, 0.3188



58.4686, 0.3078, 0.3184



58.4686, 0.3141, 0.3208

Triad

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



58.4686, 0.3078, 0.3184



58.4686, 0.3250, 0.3359



58.4686, 0.3054, 0.3328

Complementary

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



58.4686, 0.3078, 0.3184



63.0511, 0.3175, 0.3395

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.



58.4686, 0.3113, 0.3375



58.4686, 0.3078, 0.3184



58.4686, 0.3226, 0.3393

Square

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



58.4686, 0.3078, 0.3184



58.4686, 0.3241, 0.3308



58.4686, 0.3176, 0.3399



58.4686, 0.3015, 0.3271

Rectangle

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



58.4686, 0.3078, 0.3184



58.4686, 0.3182, 0.3236



58.4686, 0.3176, 0.3399



58.4686, 0.3072, 0.3345

Sweetspot

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



58.4711, 0.3078, 0.3184



98.0093, 0.3116, 0.3266



61.5430, 0.3061, 0.3267



20.9990, 0.3116, 0.3267



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.



58.4711, 0.3078, 0.3184



90.2992, 0.3069, 0.3165



59.1031, 0.3112, 0.3185



12.4884, 0.3062, 0.3150



3.2371, 0.1622, 0.0667



0.2170, 0.1807, 0.0769

Inverse Universe

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



59.3745, 0.3147, 0.3209



91.9526, 0.3150, 0.3195



62.4168, 0.3141, 0.3396



12.7459, 0.3153, 0.3183



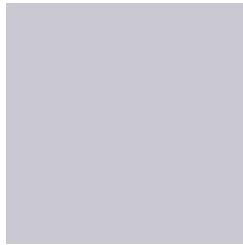
9.9967, 0.3858, 0.1899



0.5703, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 58.4686, 0.3078, 0.3184 looks on a white background.

Color Contrast Check

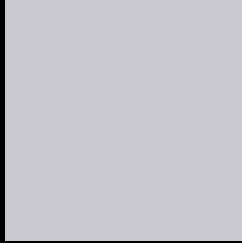
Large Text (above 18pt) WCAG AA × Fail

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 58.4686, 0.3078, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

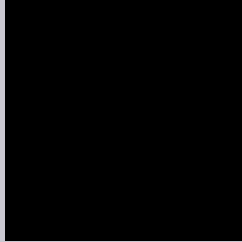
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

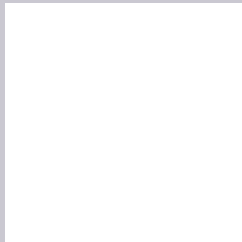
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4686, 0.3078, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 58.4686, 0.3078, 0.3184.

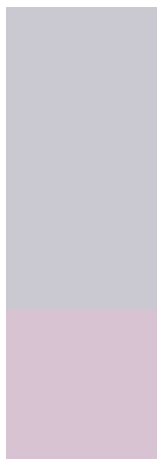


This preview shows how white text looks on a background with the Yxy color 58.4686, 0.3078, 0.3184.

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

58.4686, 0.3078, 0.3184

Protanopia

58.4686, 0.3078, 0.3184

Deuteranopia

58.2823, 0.3183, 0.3119



Tritanopia

58.4497, 0.3044, 0.3104

Trichromacy



Original Color

58.4686, 0.3078, 0.3184

Protanomaly

58.4686, 0.3078, 0.3184

Deuteranomaly

58.4345, 0.3142, 0.3140

Tritanomaly

58.3475, 0.3058, 0.3127

Monochromacy



Original Color

58.4686, 0.3078, 0.3184

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7376, 0.3106, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4686, 0.3078, 0.3184 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(202, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 209)  
}
```

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(202, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.4686, 0.3078, 0.3184 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(202, 200, 209) }
```

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

```
.border{ border-color:rgb(202, 200, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4686, 0.3078, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 209) }
```

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

```
.background{ background-color: rgb(202,  
200, 209) }
```

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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