

Converting Colors

$Yxy(58.9055, 0.3004, 0.3171)$

Have a look what the booklet for
Yxy(58.9055, 0.3004, 0.3171)
contains.

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Color

Yxy(58.6473, 0.2997, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	C3CAD5
RGB	195, 202, 213
RGB Percent	76%, 79%, 84%
CMY	0.2353, 0.2078, 0.1645
CMYK	0.08, 0.05, 0.00, 0.16
HSL	217°, 18%, 80%
HSV	217°, 8%, 84%
XYZ	55.6397, 58.6473, 71.3644
YIQ	201.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

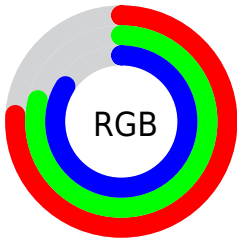
Format	Color
R _Y B	195, 200, 213
Decimal	12831445
CIE Lab	81.10, -0.26, -6.32
CIE LCh	81, 6.324, 267.668
Yxy	58.6473, 0.2997, 0.3159
Android (android.graphics.Color)	4291021525 (0xFFC3CAD5)
YUV	201.1610, 5.8366, -5.4032
Hunter-Lab	76.5815, -4.3298, -1.6438

Details

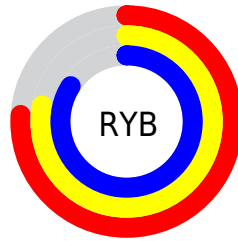
The Yxy color **58.6473, 0.2997, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2527, 0.3260, 0.3418**, and the grayscale version is **58.4827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **29.3112, 0.2964, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **50.1507, 0.2835, 0.2987**, and if you desaturate by 10%, it is **68.0704, 0.3150, 0.3312**.

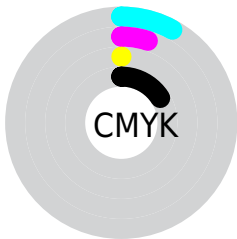
Distribution



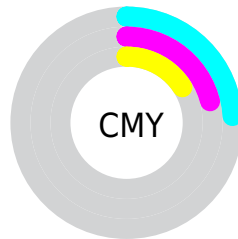
- Red (76%)
- Green (79%)
- Blue (84%)



- Red (76%)
- Yellow (78%)
- Blue (84%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6473, 0.2997, 0.3159 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 58.6473, 0.2997, 0.3159 by changing the saturation by 10% instead.

■ 58.6473, 0.2997,
0.3159

■ 58.6473, 0.2997,
0.3159

■ 419.5936, 0.3060,
0.3222

■ 42.3293, 0.2982,
0.3144

■ 102.8649, 0.3019,
0.3181

■ 29.3592, 0.2963,
0.3125

■ 131.5332, 0.3028,
0.3190

■ 19.3527, 0.2939,
0.3101

■ 165.0871, 0.3035,
0.3197

■ 11.9254, 0.2907,
0.3068

■ 203.9109, 0.3041,
0.3204

■ 6.6929, 0.2860,
0.3021

■ 248.3891, 0.3047,
0.3209

■ 3.2708, 0.2790,
0.2950

■ 298.9060, 0.3051,

■ 1.2747, 0.2669,

0.3214

0.2827

355.8460, 0.3056,
0.3218

0.1215, 0.1357,
0.1510

0.0000, 0.0000,
0.0000

58.6473, 0.2997,
0.3159

58.6473, 0.2997,
0.3159

50.1507, 0.2835,
0.2987

68.0704, 0.3150,
0.3312

42.5434, 0.2665,
0.2796

78.4409, 0.3292,
0.3448

35.7964, 0.2492,
0.2588

89.0391, 0.3397,
0.3569

29.8762, 0.2319,
0.2364

97.0386, 0.3377,
0.3692

■ 24.7469, 0.2152,
0.2130

■ 97.5862, 0.3375,
0.3700

■ 20.3693, 0.1999,
0.1892

■ 16.7004, 0.1866,
0.1658

■ 13.6913, 0.1760,
0.1439

■ 11.2755, 0.1681,
0.1240

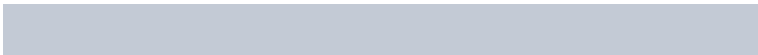
Harmonies

Analogous

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



58.6473, 0.2969, 0.3201



58.6473, 0.2997, 0.3159



58.6473, 0.3060, 0.3152

Triad

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



58.6473, 0.2997, 0.3159



58.6473, 0.3273, 0.3309



58.6473, 0.3112, 0.3403

Complementary

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



58.6473, 0.2997, 0.3159



62.2527, 0.3260, 0.3418

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.



58.6473, 0.3194, 0.3432



58.6473, 0.2997, 0.3159



58.6473, 0.3288, 0.3377

Square

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



58.6473, 0.2997, 0.3159



58.6473, 0.3219, 0.3238



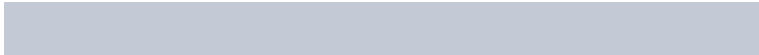
58.6473, 0.3258, 0.3422



58.6473, 0.3035, 0.3342

Rectangle

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



58.6473, 0.2997, 0.3159



58.6473, 0.3113, 0.3168



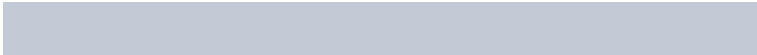
58.6473, 0.3258, 0.3422



58.6473, 0.3140, 0.3417

Sweetspot

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



58.6498, 0.2997, 0.3159



95.6278, 0.3081, 0.3245



63.6584, 0.3045, 0.3375



20.2229, 0.3069, 0.3232



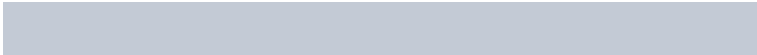
0.0000, 0.0000, 0.0000



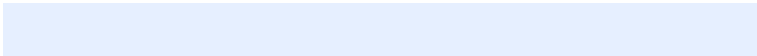
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.6498, 0.2997, 0.3159



85.9268, 0.2971, 0.3132



55.6791, 0.3011, 0.3076



12.7913, 0.2982, 0.3143



6.8682, 0.1677, 0.1238



0.5725, 0.1774, 0.1586

Inverse Universe

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



57.4459, 0.3219, 0.3209



83.8313, 0.3239, 0.3193



65.4328, 0.3238, 0.3498



12.4998, 0.3231, 0.3200



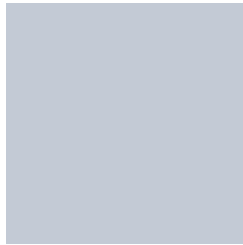
9.0382, 0.5412, 0.2755



0.5611, 0.4948, 0.2499

Previews

White Background



This preview shows how the Yxy color 58.6473, 0.2997, 0.3159 looks on a white background.

Color Contrast Check

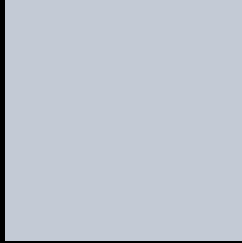
Large Text (above 18pt) WCAG AA × Fail

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 58.6473, 0.2997, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

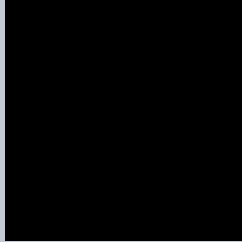
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

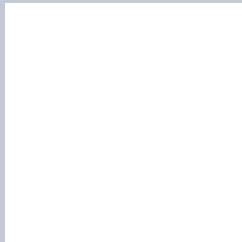
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6473, 0.2997, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 58.6473, 0.2997, 0.3159.

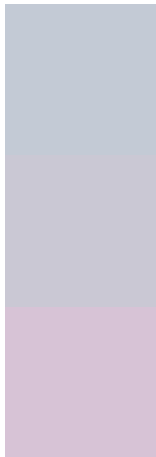


This preview shows how white text looks on a background with the Yxy color 58.6473, 0.2997, 0.3159.

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

58.6473, 0.2997, 0.3159

Protanopia

58.6186, 0.3057, 0.3150

Deuteranopia

58.3323, 0.3145, 0.3074



Tritanopia

58.5188, 0.2977, 0.3102

Trichromacy



Original Color

58.6473, 0.2997, 0.3159

Protanomaly

58.6689, 0.3034, 0.3160

Deuteranomaly

58.6531, 0.3089, 0.3106

Tritanomaly

58.4669, 0.2984, 0.3113

Monochromacy



Original Color

58.6473, 0.2997, 0.3159

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3232, 0.3083, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6473, 0.2997, 0.3159 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(195, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 213)  
}
```

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(195, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 213) }
```

Border

The CSS property to change the border of an element to Yxy 58.6473, 0.2997, 0.3159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

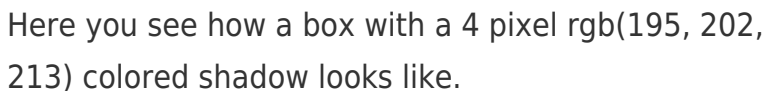
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 202, 213) }
```

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

```
.border{ border-color:rgb(195, 202, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 202, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 202, 213); box-shadow:4px 4px 4px 4px rgb(195, 202, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6473, 0.2997, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 213) }
```

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

```
.background{ background-color: rgb(195,  
202, 213) }
```

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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