

Converting Colors

Yxy(58.0414, 0.2964, 0.3158)

Have a look what the booklet for
Yxy(58.0414, 0.2964, 0.3158)
contains.

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Color

Yxy(57.9923, 0.2961, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	BECAD5
RGB	190, 202, 213
RGB Percent	75%, 79%, 84%
CMY	0.2547, 0.2079, 0.1648
CMYK	0.11, 0.05, 0.00, 0.16
HSL	209°, 21%, 79%
HSV	209°, 11%, 84%
XYZ	54.3747, 57.9923, 71.2692
YIQ	199.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

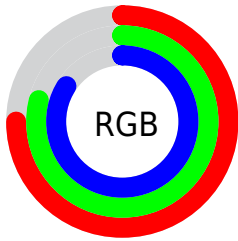
Format	Color
R _Y B	190, 198, 213
Decimal	12503765
CIE Lab	80.73, -1.89, -6.87
CIE LCh	81, 7.122, 254.630
Yxy	57.9923, 0.2961, 0.3158
Android (android.graphics.Color)	4290693845 (0xFFBECAD5)
YUV	199.6660, 6.5737, -8.4771
Hunter-Lab	76.1527, -5.8143, -2.1810

Details

The Yxy color **57.9923, 0.2961, 0.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6623, 0.3302, 0.3419**, and the grayscale version is **57.5124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **28.9668, 0.2926, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **50.8133, 0.2801, 0.3021**, and if you desaturate by 10%, it is **65.8942, 0.3116, 0.3281**.

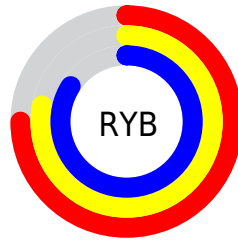
Distribution



Red (75%)

Green (79%)

Blue (84%)



Red (75%)

Yellow (78%)

Blue (84%)

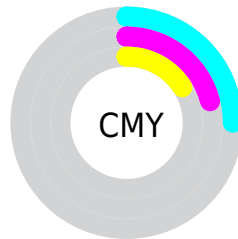


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9923, 0.2961, 0.3158 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 57.9923, 0.2961, 0.3158 by changing the saturation by 10% instead.

■ 57.9923, 0.2961,
0.3158

■ 57.9923, 0.2961,
0.3158

417.1572, 0.3041,
0.3222

■ 41.8025, 0.2942,
0.3143

■ 101.9116, 0.2989,
0.3181

■ 28.9466, 0.2918,
0.3123

130.4099, 0.3000,
0.3189

■ 19.0405, 0.2887,
0.3098

163.7798, 0.3009,
0.3197

■ 11.6995, 0.2846,
0.3064

202.4057, 0.3017,
0.3203

■ 6.5394, 0.2787,
0.3016

246.6720, 0.3024,
0.3209

■ 3.1758, 0.2697,
0.2941

296.9631, 0.3030,

■ 1.2242, 0.2544,

0.3214

0.2812

353.6634, 0.3036,
0.3218

0.0813, 0.0458,
0.1194

0.0000, 0.0000,
0.0000

57.9923, 0.2961,
0.3158

57.9923, 0.2961,
0.3158

50.8133, 0.2801,
0.3021

65.8942, 0.3116,
0.3281

44.3266, 0.2639,
0.2870

74.5339, 0.3263,
0.3391

38.5096, 0.2478,
0.2706

83.9349, 0.3403,
0.3488

33.3359, 0.2323,
0.2531

90.0721, 0.3394,
0.3586

■ 28.7767, 0.2177,
0.2348

■ 96.3512, 0.3379,
0.3683

■ 24.8004, 0.2047,
0.2161

■ 97.5835, 0.3376,
0.3701

■ 21.3717, 0.1936,
0.1973

■ 18.4497, 0.1849,
0.1791

■ 16.1400, 0.1787,
0.1631

Harmonies

Analogous

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



57.9923, 0.2950, 0.3220



57.9923, 0.2961, 0.3158



57.9923, 0.3016, 0.3133

Triad

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



57.9923, 0.2961, 0.3158



57.9923, 0.3271, 0.3276



57.9923, 0.3151, 0.3437

Complementary

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



57.9923, 0.2961, 0.3158



59.6623, 0.3302, 0.3419

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.



57.9923, 0.3238, 0.3451



57.9923, 0.2961, 0.3158



57.9923, 0.3308, 0.3356

Square

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



57.9923, 0.2961, 0.3158



57.9923, 0.3195, 0.3201



57.9923, 0.3296, 0.3421



57.9923, 0.3059, 0.3382

Rectangle

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



57.9923, 0.2961, 0.3158



57.9923, 0.3071, 0.3139



57.9923, 0.3296, 0.3421



57.9923, 0.3182, 0.3447

Sweetspot

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



57.9947, 0.2961, 0.3158



96.2595, 0.3081, 0.3254



62.7422, 0.3043, 0.3436



20.3932, 0.3069, 0.3245



0.0000, 0.0000, 0.0000



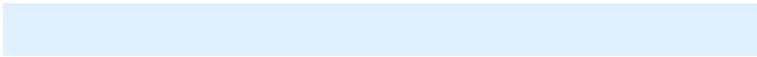
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9947, 0.2961, 0.3158



84.5194, 0.2924, 0.3127



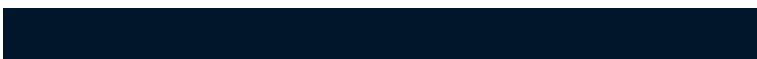
52.9414, 0.2959, 0.3021



13.0673, 0.2982, 0.3175



10.0661, 0.1793, 0.1656



0.7725, 0.1878, 0.1960

Inverse Universe

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



55.2594, 0.3224, 0.3152



79.6610, 0.3247, 0.3120



65.0629, 0.3288, 0.3545



12.5277, 0.3210, 0.3169



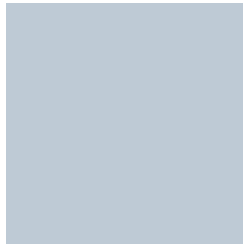
9.3610, 0.4861, 0.2451



0.5813, 0.4499, 0.2252

Previews

White Background



This preview shows how the Yxy color 57.9923, 0.2961, 0.3158 looks on a white background.

Color Contrast Check

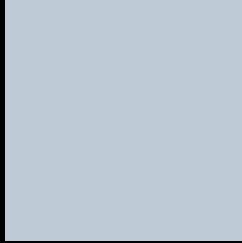
Large Text (above 18pt) WCAG AA × Fail

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 57.9923, 0.2961, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

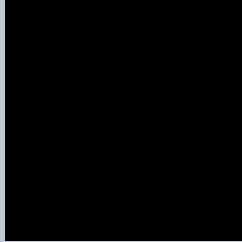
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

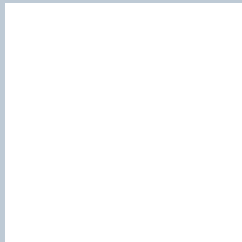
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9923, 0.2961, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 57.9923, 0.2961, 0.3158.



This preview shows how white text looks on a background with the Yxy color 57.9923, 0.2961, 0.3158.

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

57.9923, 0.2961, 0.3158

Protanopia

57.9675, 0.3057, 0.3149

Deuteranopia

57.6360, 0.3123, 0.3051



Tritanopia

57.8594, 0.2941, 0.3099

Trichromacy



Original Color

57.9923, 0.2961, 0.3158

Protanomaly

57.9323, 0.3019, 0.3148

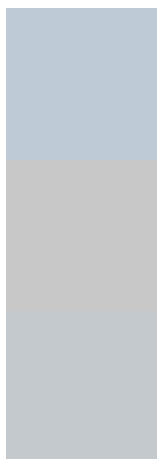
Deuteranomaly

57.7667, 0.3066, 0.3092

Tritanomaly

57.8075, 0.2947, 0.3111

Monochromacy



Original Color

57.9923, 0.2961, 0.3158

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9168, 0.3060, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9923, 0.2961, 0.3158 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(190, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 202, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.9923, 0.2961, 0.3158 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(190, 202, 213) }
```

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

```
.border{ border-color:rgb(190, 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(190, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 202,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9923, 0.2961, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 202, 213) }
```

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

```
.background{ background-color: rgb(190,  
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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