

Converting Colors

Yxy(58.5082, 0.3066, 0.3344)

Have a look what the booklet for
Yxy(58.5082, 0.3066, 0.3344)
contains.

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Color

Yxy(58.5623, 0.3064, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	C0CCC8
RGB	192, 204, 200
RGB Percent	75%, 80%, 78%
CMY	0.2471, 0.2000, 0.2156
CMYK	0.06, 0.00, 0.02, 0.20
HSL	160°, 11%, 78%
HSV	160°, 6%, 80%
XYZ	53.7552, 58.5623, 63.1238
YIQ	199.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

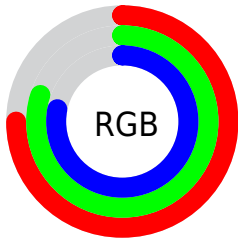
Format	Color
RYB	192, 199, 204
Decimal	12635336
CIELab	81.05, -4.83, 0.56
CIELCh	81, 4.864, 173.362
Yxy	58.5623, 0.3064, 0.3338
Android (android.graphics.Color)	4290825416 (0xFFC0CCC8)
YUV	199.9560, 0.0217, -6.9774
Hunter-Lab	76.5260, -8.5343, 4.6618

Details

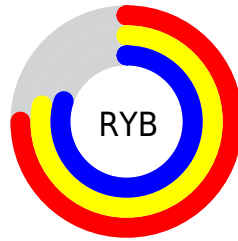
The Yxy color **58.5623, 0.3064, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5165, 0.3195, 0.3243**, and the grayscale version is **57.7336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **29.3770, 0.3054, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **55.7742, 0.2959, 0.3427**, and if you desaturate by 10%, it is **61.7385, 0.3172, 0.3258**.

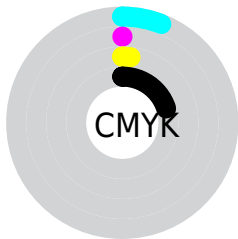
Distribution



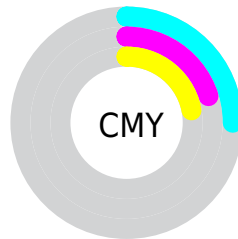
- Red (75%)
- Green (80%)
- Blue (78%)



- Red (75%)
- Yellow (78%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5623, 0.3064, 0.3338 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 58.5623, 0.3064, 0.3338 by changing the saturation by 10% instead.

■ 58.5623, 0.3064,
0.3338

■ 58.5623, 0.3064,
0.3338

419.2779, 0.3094,
0.3315

■ 42.2609, 0.3057,
0.3344

■ 102.7412, 0.3075,
0.3330

■ 29.3056, 0.3048,
0.3350

131.3876, 0.3079,
0.3327

■ 19.3121, 0.3036,
0.3360

164.9176, 0.3082,
0.3324

■ 11.8960, 0.3020,
0.3372

203.7158, 0.3086,
0.3322

■ 6.6729, 0.2997,
0.3389

248.1665, 0.3088,
0.3320

■ 3.2584, 0.2961,
0.3416

298.6542, 0.3091,

■ 1.2681, 0.2900,

0.3318

0.3464

355.5632, 0.3093,
0.3316

0.1163, 0.0000,
0.5712

0.0000, 0.0000,
0.0000

58.5623, 0.3064,
0.3338

58.5623, 0.3064,
0.3338

55.7742, 0.2959,
0.3427

61.7385, 0.3172,
0.3258

53.3515, 0.2860,
0.3524

65.3097, 0.3280,
0.3187

51.2804, 0.2770,
0.3630

69.2921, 0.3388,
0.3124

49.5432, 0.2691,
0.3744

70.0008, 0.3351,
0.3058

■ 48.1210, 0.2626,
0.3864

■ 70.3824, 0.3301,
0.2991

■ 46.9924, 0.2579,
0.3988

■ 70.7788, 0.3252,
0.2926

■ 46.1338, 0.2550,
0.4116

■ 71.1903, 0.3203,
0.2862

■ 45.5176, 0.2542,
0.4243

■ 71.6169, 0.3156,
0.2799

■ 45.1094, 0.2554,
0.4369

■ 71.6691, 0.3151,
0.2792

Harmonies

Analogous

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



58.5623, 0.3125, 0.3382



58.5623, 0.3064, 0.3338



58.5623, 0.3020, 0.3282

Triad

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



58.5623, 0.3064, 0.3338



58.5623, 0.3067, 0.3183



58.5623, 0.3251, 0.3350

Complementary

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



58.5623, 0.3064, 0.3338



54.5165, 0.3195, 0.3243

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.



58.5623, 0.3235, 0.3297



58.5623, 0.3064, 0.3338



58.5623, 0.3129, 0.3201

Square

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



58.5623, 0.3064, 0.3338



58.5623, 0.3022, 0.3192



58.5623, 0.3190, 0.3243



58.5623, 0.3233, 0.3388

Rectangle

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



58.5623, 0.3064, 0.3338



58.5623, 0.3006, 0.3245



58.5623, 0.3190, 0.3243



58.5623, 0.3250, 0.3334

Sweetspot

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



58.5648, 0.3064, 0.3338



98.9370, 0.3105, 0.3306



58.7292, 0.3151, 0.3435



21.1877, 0.3106, 0.3305



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.



58.5648, 0.3064, 0.3338



96.3946, 0.3051, 0.3348



57.8076, 0.3037, 0.3266



12.7804, 0.3047, 0.3352



28.3235, 0.2556, 0.4403



1.4749, 0.2488, 0.4158

Inverse Universe

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



54.5165, 0.3195, 0.3243



88.3909, 0.3209, 0.3233



55.2229, 0.3223, 0.3314



11.6564, 0.3215, 0.3229



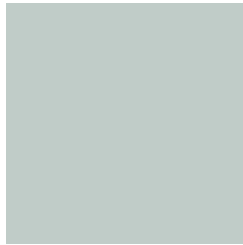
8.3560, 0.5626, 0.2873



0.4451, 0.5069, 0.2566

Previews

White Background



This preview shows how the Yxy color 58.5623, 0.3064, 0.3338 looks on a white background.

Color Contrast Check

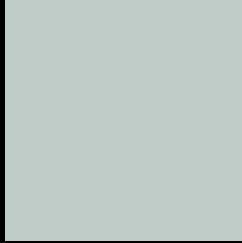
Large Text (above 18pt) WCAG AA × Fail

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 58.5623, 0.3064, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

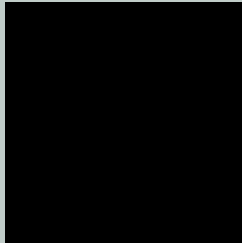
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

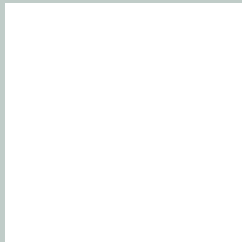
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5623, 0.3064, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 58.5623, 0.3064, 0.3338.



This preview shows how white text looks on a background with the Yxy color 58.5623, 0.3064, 0.3338.

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

58.5623, 0.3064, 0.3338

Protanopia

58.3649, 0.3181, 0.3314

Deuteranopia

58.5101, 0.3276, 0.3211



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.5623, 0.3064, 0.3338

Protanomaly

58.1762, 0.3134, 0.3314

Deuteranomaly

58.3069, 0.3200, 0.3255

Tritanomaly

58.4135, 0.3004, 0.3183

Monochromacy



Original Color

58.5623, 0.3064, 0.3338

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8137, 0.3103, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5623, 0.3064, 0.3338 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(192, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 204, 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(192, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.5623, 0.3064, 0.3338 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(192, 204, 200) }
```

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

```
.border{ border-color:rgb(192, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 204, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 204, 200); box-shadow:4px 4px 4px 4px rgb(192, 204, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5623, 0.3064, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 204, 200) }
```

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

```
.background{ background-color: rgb(192,  
204, 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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