

Converting Colors

Yxy(58.4816, 0.3070, 0.3351)

Have a look what the booklet for
Yxy(58.4816, 0.3070, 0.3351)
contains.

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Color

Yxy(58.5157, 0.3071, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	C0CCC7
RGB	192, 204, 199
RGB Percent	75%, 80%, 78%
CMY	0.2471, 0.2000, 0.2195
CMYK	0.06, 0.00, 0.02, 0.20
HSL	155°, 11%, 78%
HSV	155°, 6%, 80%
XYZ	53.6423, 58.5157, 62.5157
YIQ	199.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

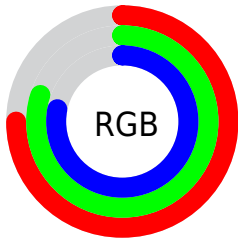
Format	Color
RYB	192, 200, 204
Decimal	12635335
CIELab	81.02, -5.01, 1.06
CIElCh	81, 5.120, 168.109
Yxy	58.5157, 0.3071, 0.3350
Android (android.graphics.Color)	4290825415 (0xFFC0CCC7)
YUV	199.8420, -0.4151, -6.8774
Hunter-Lab	76.4956, -8.6946, 5.0923

Details

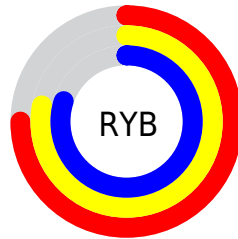
The Yxy color **58.5157, 0.3071, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5679, 0.3187, 0.3231**, and the grayscale version is **57.6640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **29.3460, 0.3063, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **55.6550, 0.2978, 0.3461**, and if you desaturate by 10%, it is **61.7723, 0.3167, 0.3250**.

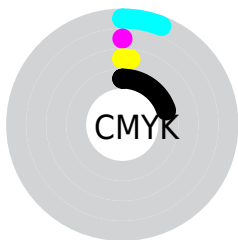
Distribution



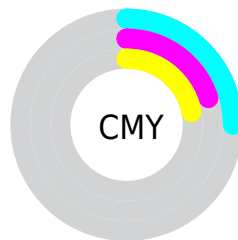
- Red (75%)
- Green (80%)
- Blue (78%)



- 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 58.5157, 0.3071, 0.3350 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 58.5157, 0.3071, 0.3350 by changing the saturation by 10% instead.

■ 58.5157, 0.3071,
0.3350

■ 58.5157, 0.3071,
0.3350

419.1048, 0.3098,
0.3321

■ 42.2234, 0.3065,
0.3357

■ 102.6735, 0.3081,
0.3340

■ 29.2762, 0.3056,
0.3366

131.3077, 0.3084,
0.3336

■ 19.2899, 0.3046,
0.3377

164.8247, 0.3087,
0.3332

■ 11.8799, 0.3031,
0.3393

203.6088, 0.3090,
0.3330

■ 6.6620, 0.3011,
0.3415

248.0445, 0.3093,
0.3327

■ 3.2516, 0.2979,
0.3449

298.5161, 0.3095,

■ 1.2645, 0.2923,

0.3325

0.3509

355.4081, 0.3096,
0.3323

0.1134, 0.0000,
0.6951

0.0000, 0.0000,
0.0000

58.5157, 0.3071,
0.3350

58.5157, 0.3071,
0.3350

55.6550, 0.2978,
0.3461

61.7723, 0.3167,
0.3250

53.1673, 0.2889,
0.3584

65.4320, 0.3263,
0.3162

51.0387, 0.2807,
0.3718

69.5109, 0.3357,
0.3084

49.2513, 0.2736,
0.3863

70.3218, 0.3308,
0.3001

■ 47.7858, 0.2679,
0.4016

■ 70.8164, 0.3247,
0.2920

■ 46.6210, 0.2638,
0.4175

■ 71.3346, 0.3187,
0.2840

■ 45.7329, 0.2617,
0.4337

■ 71.6667, 0.3151,
0.2792

■ 45.0937, 0.2615,
0.4499

■ 44.6687, 0.2634,
0.4656

Harmonies

Analogous

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



58.5157, 0.3137, 0.3392



58.5157, 0.3071, 0.3350



58.5157, 0.3021, 0.3292

Triad

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



58.5157, 0.3071, 0.3350



58.5157, 0.3054, 0.3177



58.5157, 0.3257, 0.3344

Complementary

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



58.5157, 0.3071, 0.3350



54.5679, 0.3187, 0.3231

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.



58.5157, 0.3235, 0.3287



58.5157, 0.3071, 0.3350



58.5157, 0.3117, 0.3191

Square

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



58.5157, 0.3071, 0.3350



58.5157, 0.3011, 0.3192



58.5157, 0.3183, 0.3231



58.5157, 0.3245, 0.3388

Rectangle

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



58.5157, 0.3071, 0.3350



58.5157, 0.3003, 0.3252



58.5157, 0.3183, 0.3231



58.5157, 0.3254, 0.3326

Sweetspot

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



58.5182, 0.3071, 0.3350



98.9101, 0.3108, 0.3310



58.8631, 0.3159, 0.3435



21.1823, 0.3109, 0.3309



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.



58.5182, 0.3071, 0.3350



96.3028, 0.3060, 0.3363



58.2793, 0.3037, 0.3278



12.7675, 0.3056, 0.3367



28.0453, 0.2638, 0.4698



1.4617, 0.2553, 0.4392

Inverse Universe

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



54.5679, 0.3187, 0.3231



88.4804, 0.3200, 0.3218



54.7842, 0.3224, 0.3302



11.6690, 0.3205, 0.3214



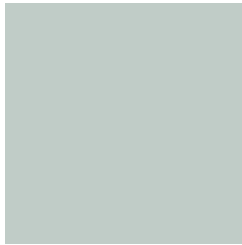
8.5062, 0.5299, 0.2693



0.4538, 0.4794, 0.2414

Previews

White Background



This preview shows how the Yxy color 58.5157, 0.3071, 0.3350 looks on a white background.

Color Contrast Check

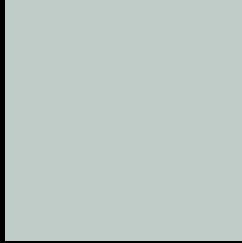
Large Text (above 18pt) WCAG AA × Fail

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 58.5157, 0.3071, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

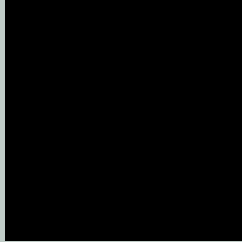
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

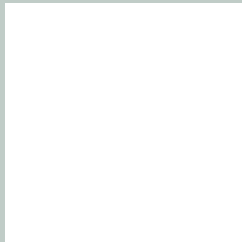
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5157, 0.3071, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 58.5157, 0.3071, 0.3350.



This preview shows how white text looks on a background with the Yxy color 58.5157, 0.3071, 0.3350.

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

58.5157, 0.3071, 0.3350

Protanopia

58.3189, 0.3188, 0.3326

Deuteranopia

58.4629, 0.3283, 0.3222



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.5157, 0.3071, 0.3350

Protanomaly

58.1299, 0.3141, 0.3326

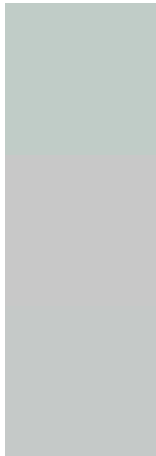
Deuteranomaly

58.2599, 0.3207, 0.3267

Tritanomaly

58.3635, 0.3010, 0.3194

Monochromacy



Original Color

58.5157, 0.3071, 0.3350

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 58.5157, 0.3071, 0.3350 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 204, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 204, 199) }
```

Border

The CSS property to change the border of an element to Yxy 58.5157, 0.3071, 0.3350 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, 199) }
```

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

```
.border{ border-color:rgb(192, 204, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 204, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 204, 199); box-shadow:4px 4px 4px 4px rgb(192, 204, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5157, 0.3071, 0.3350 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, 199) }
```

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

```
.background{ background-color: rgb(192,  
204, 199) }
```

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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