

Converting Colors

Yxy(58.8113, 0.3134, 0.3444)

Have a look what the booklet for
Yxy(58.8113, 0.3134, 0.3444)
contains.

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Color

Yxy(58.9377, 0.3135, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	C2CDC0
RGB	194, 205, 192
RGB Percent	76%, 80%, 75%
CMY	0.2393, 0.1960, 0.2471
CMYK	0.05, 0.00, 0.06, 0.20
HSL	111°, 12%, 78%
HSV	111°, 6%, 80%
XYZ	53.5875, 58.9377, 58.4078
YIQ	200.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

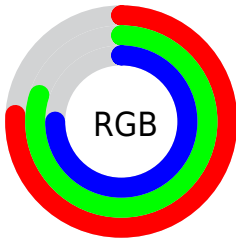
Format	Color
RYB	192, 205, 203
Decimal	12766656
CIELab	81.26, -6.15, 5.18
CIELCh	81, 8.044, 139.912
Yxy	58.9377, 0.3135, 0.3448
Android (android.graphics.Color)	4290956736 (0xFFC2CDC0)
YUV	200.2290, -4.0569, -5.4628
Hunter-Lab	76.7709, -9.7528, 8.6314

Details

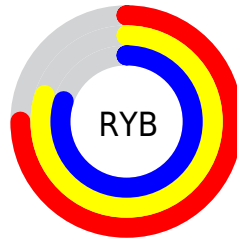
The Yxy color **58.9377, 0.3135, 0.3448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7969, 0.3118, 0.3135**, and the grayscale version is **57.9324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6213, 0.3136, 0.3357**, and **29.5727, 0.3128, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **55.9302, 0.3146, 0.3722**, and if you desaturate by 10%, it is **62.3451, 0.3122, 0.3205**.

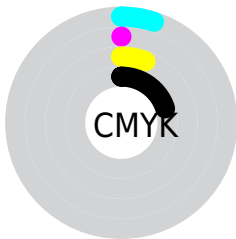
Distribution



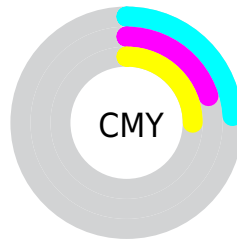
- Red (76%)
- Green (80%)
- Blue (75%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9377, 0.3135, 0.3448 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 58.9377, 0.3135, 0.3448 by changing the saturation by 10% instead.

■ 58.9377, 0.3135,
0.3448

■ 58.9377, 0.3135,
0.3448

420.6710, 0.3132,
0.3371

■ 42.5630, 0.3136,
0.3466

■ 103.2871, 0.3134,
0.3421

■ 29.5424, 0.3137,
0.3490

132.0306, 0.3133,
0.3410

■ 19.4915, 0.3137,
0.3520

165.6658, 0.3133,
0.3401

■ 12.0260, 0.3139,
0.3562

204.5770, 0.3133,
0.3394

■ 6.7614, 0.3140,
0.3622

249.1488, 0.3132,
0.3387

■ 3.3133, 0.3141,
0.3715

299.7655, 0.3132,

■ 1.2974, 0.3140,

0.3381

356.8114, 0.3132,
0.3376

0.3882

0.1392, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.9377, 0.3135,
0.3448

58.9377, 0.3135,
0.3448

55.9302, 0.3146,
0.3722

62.3451, 0.3122,
0.3205

53.3006, 0.3154,
0.4025

66.1583, 0.3109,
0.2992

51.0361, 0.3158,
0.4352

70.3931, 0.3096,
0.2806

49.1205, 0.3157,
0.4694

72.1489, 0.3150,
0.2802

■ 47.5361, 0.3149,
0.5033

■ 46.2639, 0.3134,
0.5348

■ 45.2826, 0.3111,
0.5616

■ 44.5684, 0.3082,
0.5815

■ 44.0930, 0.3051,
0.5935

Harmonies

Analogous

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



58.9377, 0.3236, 0.3472



58.9377, 0.3135, 0.3448



58.9377, 0.3033, 0.3379

Triad

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



58.9377, 0.3135, 0.3448



58.9377, 0.2948, 0.3133



58.9377, 0.3300, 0.3290

Complementary

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



58.9377, 0.3135, 0.3448



54.7969, 0.3118, 0.3135

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.



58.9377, 0.3220, 0.3203



58.9377, 0.3135, 0.3448



58.9377, 0.3017, 0.3113

Square

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



58.9377, 0.3135, 0.3448



58.9377, 0.2927, 0.3196



58.9377, 0.3117, 0.3139



58.9377, 0.3332, 0.3379

Rectangle

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



58.9377, 0.3135, 0.3448



58.9377, 0.2978, 0.3318



58.9377, 0.3117, 0.3139



58.9377, 0.3278, 0.3260

Sweetspot

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



58.9402, 0.3135, 0.3448



98.8661, 0.3130, 0.3339



59.4225, 0.3223, 0.3419



21.1733, 0.3130, 0.3337



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.



58.9402, 0.3135, 0.3448



95.6254, 0.3137, 0.3494



58.8729, 0.3089, 0.3395



12.6182, 0.3139, 0.3528



27.3938, 0.3048, 0.5962



1.4401, 0.3159, 0.5874

Inverse Universe

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



54.7969, 0.3118, 0.3135



87.0792, 0.3116, 0.3092



54.8725, 0.3167, 0.3187



11.3132, 0.3114, 0.3060



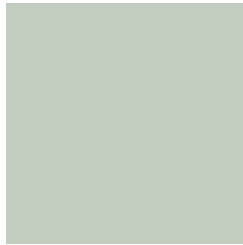
8.3477, 0.2827, 0.1331



0.4548, 0.2906, 0.1375

Previews

White Background



This preview shows how the Yxy color 58.9377, 0.3135, 0.3448 looks on a white background.

Color Contrast Check

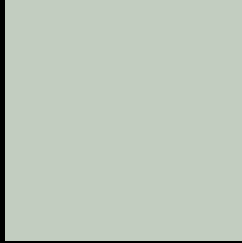
Large Text (above 18pt) WCAG AA × Fail

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 58.9377, 0.3135, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

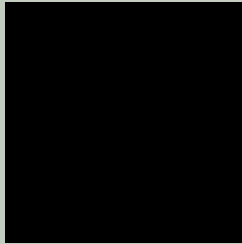
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

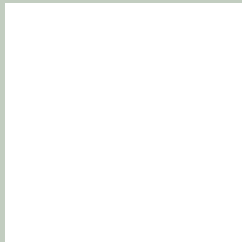
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9377, 0.3135, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 58.9377, 0.3135, 0.3448.



This preview shows how white text looks on a background with the Yxy color 58.9377, 0.3135, 0.3448.

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

58.9377, 0.3135, 0.3448

Protanopia

58.9009, 0.3263, 0.3420

Deuteranopia

58.7725, 0.3371, 0.3302



Tritanopia

58.7888, 0.2992, 0.3102

Trichromacy



Original Color

58.9377, 0.3135, 0.3448

Protanomaly

58.6992, 0.3215, 0.3421

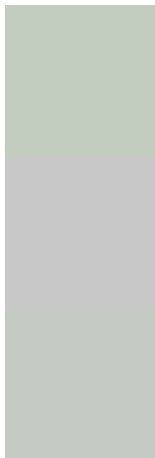
Deuteranomaly

58.8432, 0.3283, 0.3360

Tritanomaly

58.6654, 0.3047, 0.3219

Monochromacy



Original Color

58.9377, 0.3135, 0.3448

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2780, 0.3132, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9377, 0.3135, 0.3448 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(194, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 192)  
}
```

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(194, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 192) }
```

Border

The CSS property to change the border of an element to Yxy 58.9377, 0.3135, 0.3448 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(194, 205, 192) }
```

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

```
.border{ border-color:rgb(194, 205, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 205, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9377, 0.3135, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 192) }
```

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

```
.background{ background-color: rgb(194,  
205, 192) }
```

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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