

Converting Colors

Yxy(58.4711, 0.3149, 0.3473)

Have a look what the booklet for
Yxy(58.4711, 0.3149, 0.3473)
contains.

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Color

Yxy(58.1973, 0.3149, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	C1CCBD
RGB	193, 204, 189
RGB Percent	76%, 80%, 74%
CMY	0.2432, 0.2000, 0.2588
CMYK	0.05, 0.00, 0.07, 0.20
HSL	104°, 13%, 77%
HSV	104°, 7%, 80%
XYZ	52.7680, 58.1973, 56.6054
YIQ	199.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

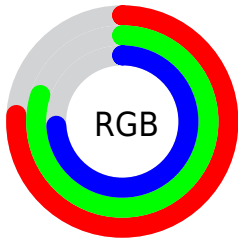
Format	Color
RYB	189, 204, 200
Decimal	12700861
CIELab	80.85, -6.51, 6.16
CIElCh	81, 8.963, 136.553
Yxy	58.1973, 0.3149, 0.3473
Android (android.graphics.Color)	4290890941 (0xFFC1CCBD)
YUV	199.0010, -4.9305, -5.2629
Hunter-Lab	76.2872, -10.0336, 9.4076

Details

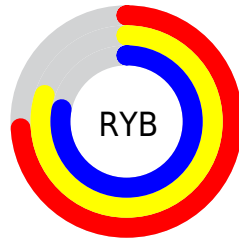
The Yxy color **58.1973, 0.3149, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0486, 0.3103, 0.3110**, and the grayscale version is **57.1456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2523, 0.3147, 0.3387**, and **29.0792, 0.3147, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **55.5019, 0.3177, 0.3746**, and if you desaturate by 10%, it is **61.2225, 0.3119, 0.3228**.

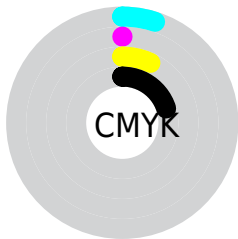
Distribution



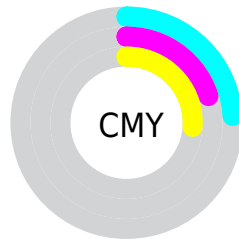
- Red (76%)
- Green (80%)
- Blue (74%)



- Red (74%)
- Yellow (80%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1973, 0.3149, 0.3473 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 58.1973, 0.3149, 0.3473 by changing the saturation by 10% instead.

■ 58.1973, 0.3149,
0.3473

■ 58.1973, 0.3149,
0.3473

417.9207, 0.3139,
0.3384

■ 41.9673, 0.3151,
0.3495

■ 102.2101, 0.3146,
0.3441

■ 29.0757, 0.3154,
0.3522

130.7617, 0.3144,
0.3429

■ 19.1381, 0.3157,
0.3558

164.1893, 0.3143,
0.3419

■ 11.7701, 0.3162,
0.3606

202.8772, 0.3142,
0.3410

■ 6.5873, 0.3168,
0.3677

247.2100, 0.3141,
0.3402

■ 3.2054, 0.3176,
0.3788

297.5719, 0.3140,

■ 1.2399, 0.3188,

0.3395

0.3990

354.3473, 0.3140,
0.3389

0.0939, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.1973, 0.3149,
0.3473

58.1973, 0.3149,
0.3473

55.5019, 0.3177,
0.3746

61.2225, 0.3119,
0.3228

53.1178, 0.3203,
0.4045

64.5805, 0.3089,
0.3010

51.0355, 0.3222,
0.4364

68.2839, 0.3060,
0.2818

49.2427, 0.3234,
0.4693

71.2950, 0.3136,
0.2789

■ 47.7257, 0.3236,
0.5018

■ 71.6700, 0.3151,
0.2792

■ 46.4702, 0.3225,
0.5318

■ 45.4600, 0.3201,
0.5573

■ 44.6770, 0.3164,
0.5765

■ 44.0987, 0.3119,
0.5888

Harmonies

Analogous

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



58.1973, 0.3260, 0.3494



58.1973, 0.3149, 0.3473



58.1973, 0.3034, 0.3401

Triad

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



58.1973, 0.3149, 0.3473



58.1973, 0.2922, 0.3120



58.1973, 0.3313, 0.3279

Complementary

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



58.1973, 0.3149, 0.3473



53.0486, 0.3103, 0.3110

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.



58.1973, 0.3219, 0.3183



58.1973, 0.3149, 0.3473



58.1973, 0.2994, 0.3092

Square

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



58.1973, 0.3149, 0.3473



58.1973, 0.2904, 0.3195



58.1973, 0.3102, 0.3116



58.1973, 0.3356, 0.3379

Rectangle

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



58.1973, 0.3149, 0.3473



58.1973, 0.2970, 0.3333



58.1973, 0.3102, 0.3116



58.1973, 0.3286, 0.3245

Sweetspot

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



58.1998, 0.3149, 0.3473



98.9712, 0.3133, 0.3339



57.8273, 0.3239, 0.3422



21.1947, 0.3133, 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.



58.1998, 0.3149, 0.3473



95.5464, 0.3154, 0.3519



57.8398, 0.3094, 0.3431



12.6780, 0.3155, 0.3527



27.7130, 0.3117, 0.5907



1.4675, 0.3265, 0.5789

Inverse Universe

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



53.0486, 0.3103, 0.3110



85.0888, 0.3097, 0.3066



53.4355, 0.3162, 0.3153



11.2488, 0.3096, 0.3059



6.8768, 0.2554, 0.1181



0.3904, 0.2687, 0.1254

Previews

White Background



This preview shows how the Yxy color 58.1973, 0.3149, 0.3473 looks on a white background.

Color Contrast Check

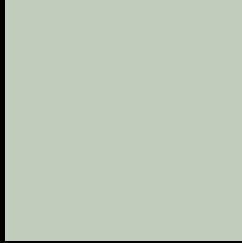
Large Text (above 18pt) WCAG AA × Fail

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 58.1973, 0.3149, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

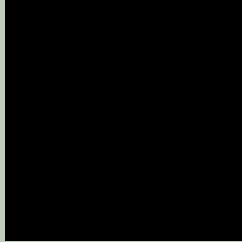
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

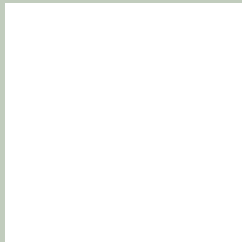
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1973, 0.3149, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 58.1973, 0.3149, 0.3473.



This preview shows how white text looks on a background with the Yxy color 58.1973, 0.3149, 0.3473.

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

58.1973, 0.3149, 0.3473

Protanopia

58.1618, 0.3279, 0.3445

Deuteranopia

58.0331, 0.3388, 0.3325



Tritanopia

58.1367, 0.2992, 0.3102

Trichromacy



Original Color

58.1973, 0.3149, 0.3473

Protanomaly

57.9607, 0.3230, 0.3446

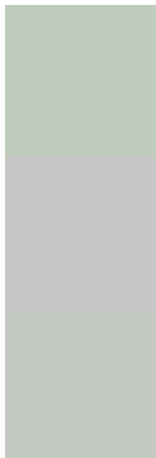
Deuteranomaly

58.1029, 0.3299, 0.3384

Tritanomaly

57.9653, 0.3053, 0.3230

Monochromacy



Original Color

58.1973, 0.3149, 0.3473

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.5837, 0.3139, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1973, 0.3149, 0.3473 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(193, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 189)  
}
```

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(193, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.1973, 0.3149, 0.3473 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(193, 204, 189) }
```

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

```
.border{ border-color:rgb(193, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1973, 0.3149, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 189) }
```

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

```
.background{ background-color: rgb(193,  
204, 189) }
```

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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