

Converting Colors

Yxy(58.4848, 0.3204, 0.3471)

Have a look what the booklet for
Yxy(58.4848, 0.3204, 0.3471)
contains.

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Color

Yxy(58.4848, 0.3204, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBBC
RGB	199, 203, 188
RGB Percent	78%, 80%, 74%
CMY	0.2196, 0.2039, 0.2627
CMYK	0.02, 0.00, 0.07, 0.20
HSL	76°, 13%, 77%
HSV	76°, 7%, 80%
XYZ	53.9860, 58.4848, 56.0248
YIQ	200.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

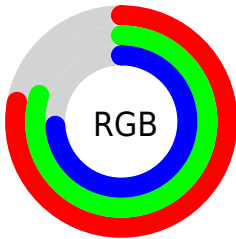
Format	Color
RYB	188, 203, 192
Decimal	13093820
CIELab	81.01, -4.06, 6.99
CIElCh	81, 8.082, 120.125
Yxy	58.4848, 0.3204, 0.3471
Android (android.graphics.Color)	4291283900 (0xFFC7CBBC)
YUV	200.0940, -5.9623, -0.9594
Hunter-Lab	76.4754, -7.8240, 10.0977

Details

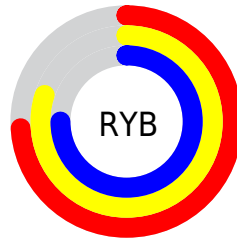
The Yxy color **58.4848, 0.3204, 0.3471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4914, 0.3047, 0.3106**, and the grayscale version is **57.8573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **29.2639, 0.3220, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **56.9432, 0.3309, 0.3729**, and if you desaturate by 10%, it is **60.1811, 0.3100, 0.3228**.

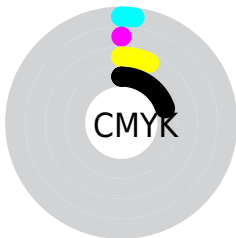
Distribution



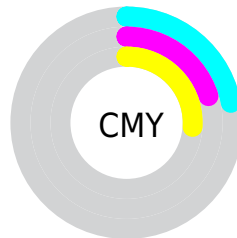
- Red (78%)
- Green (80%)
- Blue (74%)



- Red (74%)
- Yellow (80%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4848, 0.3204, 0.3471 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 58.4848, 0.3204, 0.3471 by changing the saturation by 10% instead.

■ 58.4848, 0.3204,
0.3471

■ 58.4848, 0.3204,
0.3471

418.9900, 0.3167,
0.3383

■ 42.1985, 0.3213,
0.3492

■ 102.6285, 0.3191,
0.3440

■ 29.2568, 0.3223,
0.3519

131.2547, 0.3186,
0.3428

■ 19.2752, 0.3237,
0.3554

164.7630, 0.3182,
0.3418

■ 11.8693, 0.3256,
0.3601

203.5379, 0.3178,
0.3409

■ 6.6547, 0.3282,
0.3669

247.9636, 0.3175,
0.3401

■ 3.2471, 0.3322,
0.3776

298.4246, 0.3172,

■ 1.2621, 0.3393,

0.3395

0.3970

355.3052, 0.3170,
0.3389

0.1115, 0.0591,
0.9409

0.0000, 0.0000,
0.0000

58.4848, 0.3204,
0.3471

58.4848, 0.3204,
0.3471

56.9432, 0.3309,
0.3729

60.1811, 0.3100,
0.3228

55.5433, 0.3413,
0.3997

62.0296, 0.3001,
0.3003


54.2819, 0.3511,
0.4268


64.0377, 0.2906,
0.2797

53.1528, 0.3599,
0.4534


65.2604, 0.2905,
0.2743

 52.1494, 0.3671,
0.4782


 66.1247, 0.2943,
0.2749

 51.2641, 0.3723,
0.5002

 67.0167, 0.2982,
0.2755


 50.4886, 0.3751,
0.5182

 67.9368, 0.3021,
0.2761

 49.8132, 0.3753,
0.5316

 68.8851, 0.3060,
0.2767

 49.2245, 0.3732,
0.5405

 69.8620, 0.3099,
0.2773

Harmonies

Analogous

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



58.4848, 0.3290, 0.3462



58.4848, 0.3204, 0.3471



58.4848, 0.3099, 0.3430

Triad

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



58.4848, 0.3204, 0.3471



58.4848, 0.2927, 0.3170



58.4848, 0.3252, 0.3231

Complementary

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



58.4848, 0.3204, 0.3471



51.4914, 0.3047, 0.3106

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.



58.4848, 0.3153, 0.3156



58.4848, 0.3204, 0.3471



58.4848, 0.2966, 0.3120

Square

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



58.4848, 0.3204, 0.3471



58.4848, 0.2940, 0.3254



58.4848, 0.3048, 0.3116



58.4848, 0.3318, 0.3322

Rectangle

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



58.4848, 0.3204, 0.3471



58.4848, 0.3032, 0.3379



58.4848, 0.3048, 0.3116



58.4848, 0.3222, 0.3203

Sweetspot

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



58.4873, 0.3204, 0.3471



99.4182, 0.3148, 0.3339



54.0315, 0.3248, 0.3339



21.2857, 0.3147, 0.3336



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.



58.4873, 0.3204, 0.3471



97.4639, 0.3222, 0.3515



57.4881, 0.3145, 0.3474



12.9400, 0.3225, 0.3522



31.2783, 0.3732, 0.5419



1.6495, 0.3826, 0.5345

Inverse Universe

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



51.4914, 0.3047, 0.3106



83.1707, 0.3027, 0.3061



52.4940, 0.3107, 0.3109



10.9866, 0.3023, 0.3053



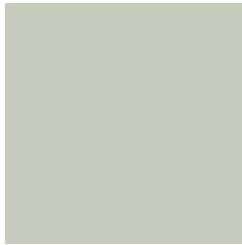
3.2864, 0.1670, 0.0694



0.2075, 0.1883, 0.0811

Previews

White Background



This preview shows how the Yxy color 58.4848, 0.3204, 0.3471 looks on a white background.

Color Contrast Check

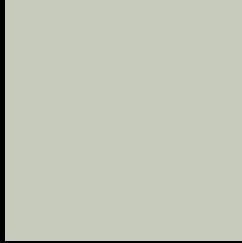
Large Text (above 18pt) WCAG AA × Fail

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 58.4848, 0.3204, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

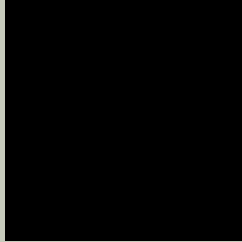
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

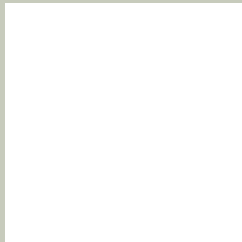
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4848, 0.3204, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 58.4848, 0.3204, 0.3471.



This preview shows how white text looks on a background with the Yxy color 58.4848, 0.3204, 0.3471.

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

58.4848, 0.3204, 0.3471

Protanopia

58.3063, 0.3287, 0.3444

Deuteranopia

58.3088, 0.3412, 0.3336



Tritanopia

58.4497, 0.3044, 0.3104

Trichromacy



Original Color

58.4848, 0.3204, 0.3471

Protanomaly

58.3403, 0.3261, 0.3457

Deuteranomaly

58.2056, 0.3341, 0.3384

Tritanomaly

58.2729, 0.3107, 0.3231

Monochromacy



Original Color

58.4848, 0.3204, 0.3471

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0382, 0.3155, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4848, 0.3204, 0.3471 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(199, 203, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 188)  
}
```

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(199, 203, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 188) }
```

Border

The CSS property to change the border of an element to Yxy 58.4848, 0.3204, 0.3471 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(199, 203, 188) }
```

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

```
.border{ border-color:rgb(199, 203, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 188);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4848, 0.3204, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 188) }
```

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

```
.background{ background-color: rgb(199,  
203, 188) }
```

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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