

Converting Colors

$Yxy(57.4793, 0.3295, 0.3654)$

Have a look what the booklet for
Yxy(57.4793, 0.3295, 0.3654)
contains.

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Color

Yxy(57.5993, 0.3298, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	C5CBAD
RGB	197, 203, 173
RGB Percent	77%, 80%, 68%
CMY	0.2274, 0.2039, 0.3214
CMYK	0.03, 0.00, 0.15, 0.20
HSL	72°, 22%, 74%
HSV	72°, 15%, 80%
XYZ	51.9307, 57.5993, 47.9312
YIQ	197.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

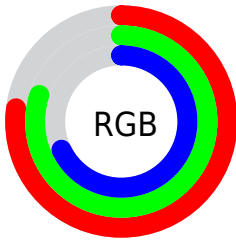
Format	Color
R_{YB}	173, 203, 179
Decimal	12962733
CIE Lab	80.52, -7.26, 14.26
CIE LCh	81, 16.004, 116.969
Yxy	57.5993, 0.3298, 0.3658
Android (android.graphics.Color)	4291152813 (0xFFC5CBAD)
YUV	197.7860, -12.2195, -0.6893
Hunter-Lab	75.8942, -10.6760, 15.6812

Details

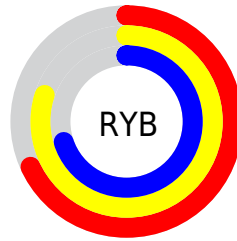
The Yxy color **57.5993, 0.3298, 0.3658** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7958, 0.2940, 0.2906**, and the grayscale version is **56.4121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1923, 0.3279, 0.3552**, and **28.7150, 0.3336, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **56.3351, 0.3414, 0.3920**, and if you desaturate by 10%, it is **59.0026, 0.3182, 0.3406**.

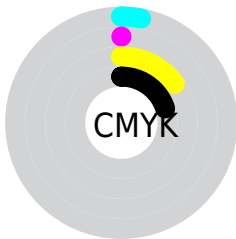
Distribution



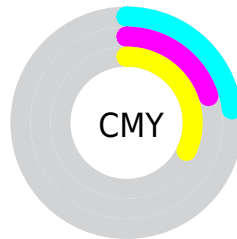
- Red (77%)
- Green (80%)
- Blue (68%)



- Red (68%)
- Yellow (80%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)




- Cyan (23%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5993, 0.3298, 0.3658 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 57.5993, 0.3298, 0.3658 by changing the saturation by 10% instead.


 57.5993, 0.3298,
0.3658

 57.5993, 0.3298,
0.3658


415.6912, 0.3217,
0.3478

 41.4866, 0.3317,
0.3702


 101.3391, 0.3270,
0.3593

 28.6995, 0.3341,
0.3757

129.7350, 0.3259,
0.3569

 18.8536, 0.3371,
0.3830


162.9941, 0.3249,
0.3548

 11.5645, 0.3410,
0.3929

201.5008, 0.3241,
0.3530

 6.4479, 0.3465,
0.4072

245.6394, 0.3234,
0.3515

 3.1193, 0.3543,
0.4294

295.7944, 0.3228,

 1.1943, 0.3890,

0.3501

0.4983

352.3502, 0.3222,
0.3489

■ 0.0571, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5993, 0.3298,
0.3658

■ 57.5993, 0.3298,
0.3658

■ 56.3351, 0.3414,
0.3920

■ 59.0026, 0.3182,
0.3406

■ 55.1970, 0.3527,
0.4185

■ 60.5427, 0.3068,
0.3167

■ 54.1816, 0.3630,
0.4443

■ 62.2268, 0.2960,
0.2945

■ 53.2825, 0.3719,
0.4685

■ 64.0597, 0.2858,
0.2742

■ 52.4927, 0.3789,
0.4900

■ 64.7231, 0.2882,
0.2739

■ 51.8043, 0.3835,
0.5077

■ 65.3523, 0.2910,
0.2743

■ 51.2081, 0.3856,
0.5210

■ 65.9968, 0.2938,
0.2748

■ 50.6929, 0.3851,
0.5297

■ 66.6568, 0.2967,
0.2752

■ 50.4447, 0.3842,
0.5331

■ 67.3324, 0.2995,
0.2757

Harmonies

Analogous

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



57.5993, 0.3464, 0.3622



57.5993, 0.3298, 0.3658



57.5993, 0.3090, 0.3587

Triad

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



57.5993, 0.3298, 0.3658



57.5993, 0.2731, 0.3062



57.5993, 0.3358, 0.3155

Complementary

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



57.5993, 0.3298, 0.3658



43.7958, 0.2940, 0.2906

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.



57.5993, 0.3154, 0.3017



57.5993, 0.3298, 0.3658



57.5993, 0.2796, 0.2960

Square

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



57.5993, 0.3298, 0.3658



57.5993, 0.2767, 0.3232



57.5993, 0.2949, 0.2946



57.5993, 0.3501, 0.3329

Rectangle

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



57.5993, 0.3298, 0.3658



57.5993, 0.2956, 0.3488



57.5993, 0.2949, 0.2946



57.5993, 0.3294, 0.3103

Sweetspot

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



57.6018, 0.3298, 0.3658



98.9765, 0.3173, 0.3388



47.7647, 0.3390, 0.3359



21.1448, 0.3182, 0.3407



0.0000, 0.0000, 0.0000



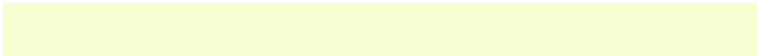
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.6018, 0.3298, 0.3658



95.6930, 0.3339, 0.3748



55.7375, 0.3183, 0.3671



12.9793, 0.3235, 0.3521



32.1427, 0.3847, 0.5327



1.6877, 0.3919, 0.5271

Inverse Universe

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



43.7958, 0.2940, 0.2906



67.8150, 0.2891, 0.2806



45.6153, 0.3063, 0.2919



10.9499, 0.3013, 0.3053



3.0684, 0.1603, 0.0657



0.1908, 0.1792, 0.0761

Previews

White Background



This preview shows how the Yxy color 57.5993, 0.3298, 0.3658 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 57.5993, 0.3298, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

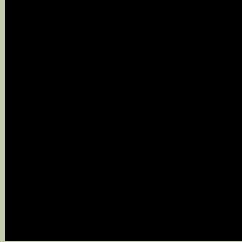
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

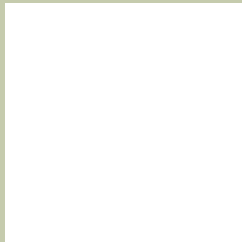
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5993, 0.3298, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 57.5993, 0.3298, 0.3658.



This preview shows how white text looks on a background with the Yxy color 57.5993, 0.3298, 0.3658.

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

57.5993, 0.3298, 0.3658

Protanopia

57.4888, 0.3427, 0.3625

Deuteranopia

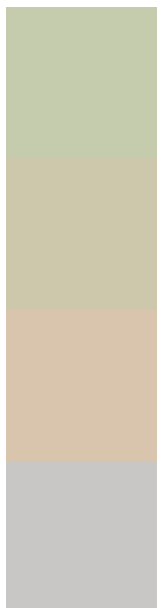
57.2884, 0.3563, 0.3485



Tritanopia

57.4331, 0.3058, 0.3103

Trichromacy



Original Color

57.5993, 0.3298, 0.3658

Protanomaly

57.2662, 0.3376, 0.3629

Deuteranomaly

57.2876, 0.3469, 0.3549

Tritanomaly

57.3416, 0.3150, 0.3302

Monochromacy



Original Color

57.5993, 0.3298, 0.3658

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.9884, 0.3192, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5993, 0.3298, 0.3658 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(197, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 173)  
}
```

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(197, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 173) }
```

Border

The CSS property to change the border of an element to Yxy 57.5993, 0.3298, 0.3658 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(197, 203, 173) }
```

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

```
.border{ border-color:rgb(197, 203, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 203, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5993, 0.3298, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 173) }
```

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

```
.background{ background-color: rgb(197,  
203, 173) }
```

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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