

Converting Colors

Yxy(59.0067, 0.3400, 0.3853)

Have a look what the booklet for
Yxy(59.0067, 0.3400, 0.3853)
contains.

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Color

Yxy(58.8228, 0.3404, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	C7CEA0
RGB	199, 206, 160
RGB Percent	78%, 81%, 63%
CMY	0.2197, 0.1921, 0.3725
CMYK	0.03, 0.00, 0.22, 0.19
HSL	69°, 32%, 72%
HSV	69°, 22%, 81%
XYZ	51.9680, 58.8228, 41.8767
YIQ	198.6630, 10.5940, -15.7900

Conversions

Conversions Part 2

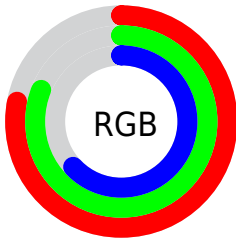
Format	Color
RYB	160, 206, 167
Decimal	13094560
CIELab	81.19, -10.09, 22.13
CIElCh	81, 24.320, 114.499
Yxy	58.8228, 0.3404, 0.3853
Android (android.graphics.Color)	4291284640 (0xFFC7CEA0)
YUV	198.6630, -19.0609, 0.2955
Hunter-Lab	76.6960, -13.2692, 21.3144

Details

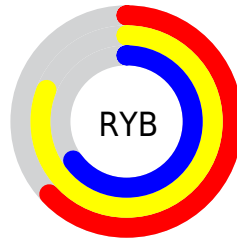
The Yxy color **58.8228, 0.3404, 0.3853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8206, 0.2811, 0.2681**, and the grayscale version is **57.0112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **29.5589, 0.3475, 0.4010** is the 20% darker color. If you saturate the color by 10%, you get **57.7375, 0.3526, 0.4114**, and if you desaturate by 10%, it is **60.0417, 0.3279, 0.3595**.

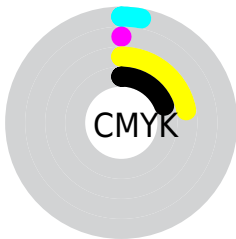
Distribution



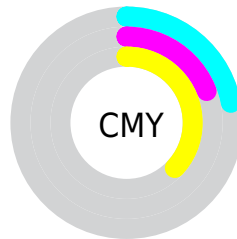
- Red (78%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)





- Cyan (22%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8228, 0.3404, 0.3853 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 58.8228, 0.3404, 0.3853 by changing the saturation by 10% instead.


 58.8228, 0.3404,
0.3853


 58.8228, 0.3404,
0.3853

420.2449, 0.3275,
0.3578

 42.4705, 0.3434,
0.3920


 103.1201, 0.3359,
0.3754

 29.4699, 0.3470,
0.4004


 131.8338, 0.3342,
0.3717

 19.4366, 0.3515,
0.4113


165.4369, 0.3326,
0.3685

 11.9861, 0.3574,
0.4262

204.3136, 0.3313,
0.3658

 6.7342, 0.3649,
0.4472

248.8483, 0.3302,
0.3634

 3.2965, 0.3746,
0.4789

299.4255, 0.3292,

 1.2884, 0.4205,

0.3613

0.5795

356.4296, 0.3283,
0.3594

■ 0.1322, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8228, 0.3404,
0.3853

■ 58.8228, 0.3404,
0.3853

■ 57.7375, 0.3526,
0.4114

■ 60.0417, 0.3279,
0.3595

■ 56.7720, 0.3641,
0.4369

■ 61.3918, 0.3155,
0.3346

■ 55.9225, 0.3743,
0.4609

■ 62.8810, 0.3036,
0.3111

■ 55.1820, 0.3826,
0.4822

■ 64.5142, 0.2923,
0.2892

■ 54.5425, 0.3886,
0.4999

■ 65.7690, 0.2865,
0.2769

■ 53.9949, 0.3921,
0.5133

■ 66.2486, 0.2887,
0.2772

■ 53.5285, 0.3931,
0.5222

■ 66.7374, 0.2908,
0.2775

■ 53.2110, 0.3925,
0.5266

■ 67.2355, 0.2930,
0.2778

■ 67.7428, 0.2952,
0.2782

Harmonies

Analogous

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



58.8228, 0.3649, 0.3776



58.8228, 0.3404, 0.3853



58.8228, 0.3092, 0.3762

Triad

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



58.8228, 0.3404, 0.3853



58.8228, 0.2537, 0.2959



58.8228, 0.3451, 0.3068

Complementary

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



58.8228, 0.3404, 0.3853



37.8206, 0.2811, 0.2681

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.



58.8228, 0.3137, 0.2874



58.8228, 0.3404, 0.3853



58.8228, 0.2620, 0.2804

Square

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



58.8228, 0.3404, 0.3853



58.8228, 0.2601, 0.3220



58.8228, 0.2835, 0.2777



58.8228, 0.3681, 0.3319

Rectangle

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



58.8228, 0.3404, 0.3853



58.8228, 0.2891, 0.3614



58.8228, 0.2835, 0.2777



58.8228, 0.3351, 0.2994

Sweetspot

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



58.8254, 0.3404, 0.3853



98.3903, 0.3214, 0.3463



43.2659, 0.3561, 0.3378



21.0310, 0.3221, 0.3478



0.0000, 0.0000, 0.0000



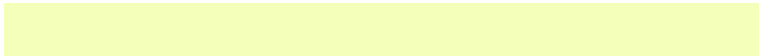
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8254, 0.3404, 0.3853



94.3932, 0.3466, 0.3984



55.9277, 0.3221, 0.3887



13.0066, 0.3242, 0.3521



32.7970, 0.3929, 0.5263



1.7160, 0.3983, 0.5219

Inverse Universe

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



37.8206, 0.2811, 0.2681



54.2249, 0.2727, 0.2525



40.5373, 0.3009, 0.2715



10.9248, 0.3006, 0.3052



2.9544, 0.1568, 0.0637



0.1792, 0.1726, 0.0725

Previews

White Background



This preview shows how the Yxy color 58.8228, 0.3404, 0.3853 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 58.8228, 0.3404, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

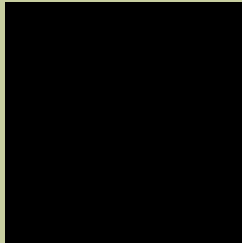
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

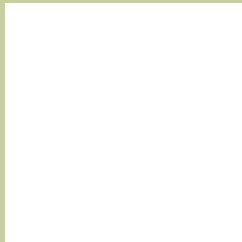
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8228, 0.3404, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 58.8228, 0.3404, 0.3853.



This preview shows how white text looks on a background with the Yxy color 58.8228, 0.3404, 0.3853.

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

58.8228, 0.3404, 0.3853

Protanopia

58.6890, 0.3564, 0.3798

Deuteranopia

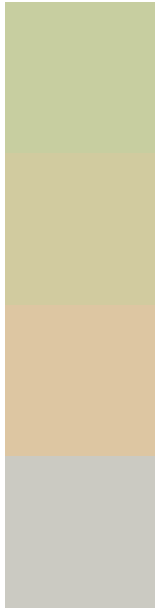
58.7203, 0.3708, 0.3639



Tritanopia

58.8237, 0.3074, 0.3116

Trichromacy



Original Color

58.8228, 0.3404, 0.3853

Protanomaly

58.7704, 0.3501, 0.3817

Deuteranomaly

58.3690, 0.3592, 0.3709

Tritanomaly

58.8326, 0.3193, 0.3385

Monochromacy



Original Color

58.8228, 0.3404, 0.3853

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8860, 0.3227, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8228, 0.3404, 0.3853 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, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 160)  
}
```

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, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 160) }
```

Border

The CSS property to change the border of an element to Yxy 58.8228, 0.3404, 0.3853 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, 206, 160) }
```

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

```
.border{ border-color:rgb(199, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8228, 0.3404, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 160) }
```

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

```
.background{ background-color: rgb(199,  
206, 160) }
```

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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