

Converting Colors

Yxy(58.9394, 0.3353, 0.3913)

Have a look what the booklet for
Yxy(58.9394, 0.3353, 0.3913)
contains.

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Color

Yxy(58.7868, 0.3358, 0.3912)

Conversions

Conversions Part 1

Format	Color
Hex	C0D09E
RGB	192, 208, 158
RGB Percent	75%, 82%, 62%
CMY	0.2471, 0.1843, 0.3805
CMYK	0.08, 0.00, 0.24, 0.18
HSL	79°, 35%, 72%
HSV	79°, 24%, 82%
XYZ	50.4617, 58.7868, 41.0245
YIQ	197.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

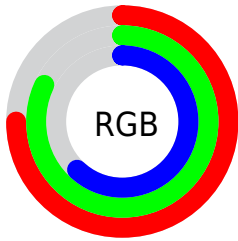
Format	Color
RYB	158, 208, 174
Decimal	12636318
CIELab	81.17, -13.99, 23.09
CIELCh	81, 26.997, 121.210
Yxy	58.7868, 0.3358, 0.3912
Android (android.graphics.Color)	4290826398 (0xFFC0D09E)
YUV	197.5160, -19.4814, -4.8375
Hunter-Lab	76.6726, -16.6980, 21.9470

Details

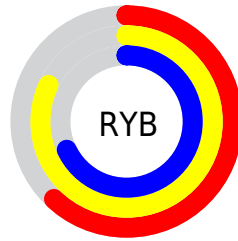
The Yxy color **58.7868, 0.3358, 0.3912** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9996, 0.2853, 0.2640**, and the grayscale version is **56.2795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4638, 0.3336, 0.3706**, and **29.5551, 0.3411, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **57.2828, 0.3449, 0.4189**, and if you desaturate by 10%, it is **60.4565, 0.3262, 0.3643**.

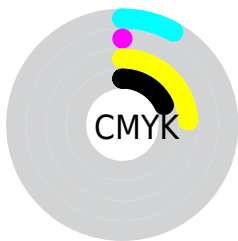
Distribution



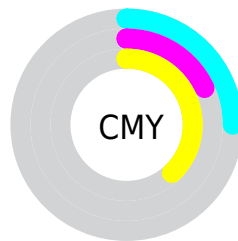
- Red (75%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (25%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7868, 0.3358, 0.3912 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 58.7868, 0.3358, 0.3912 by changing the saturation by 10% instead.


 58.7868, 0.3358,
0.3912

 58.7868, 0.3358,
0.3912

420.1114, 0.3252,
0.3606

 42.4415, 0.3382,
0.3987


 103.0677, 0.3322,
0.3802

 29.4472, 0.3410,
0.4081


 131.7722, 0.3307,
0.3760

 19.4194, 0.3445,
0.4205


165.3651, 0.3295,
0.3725

 11.9737, 0.3488,
0.4373

204.2310, 0.3284,
0.3694

 6.7258, 0.3541,
0.4614

248.7542, 0.3275,
0.3668

 3.2912, 0.3599,
0.4981

299.3190, 0.3266,

 1.2856, 0.3936,

0.3645

0.6064

356.3099, 0.3259,
0.3624

0.1300, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7868, 0.3358,
0.3912

58.7868, 0.3358,
0.3912

57.2828, 0.3449,
0.4189

60.4565, 0.3262,
0.3643

55.9302, 0.3532,
0.4464

62.2905, 0.3166,
0.3388

54.7245, 0.3600,
0.4729

64.2970, 0.3071,
0.3151

53.6577, 0.3650,
0.4970

66.4816, 0.2981,
0.2933

■ 52.7212, 0.3677,
0.5175

■ 68.3914, 0.2939,
0.2801

■ 51.9048, 0.3679,
0.5336

■ 69.4849, 0.2985,
0.2808

■ 51.1965, 0.3656,
0.5447

■ 70.6206, 0.3032,
0.2814

■ 50.8143, 0.3635,
0.5496

■ 71.7990, 0.3079,
0.2821

■ 73.0206, 0.3127,
0.2828

Harmonies

Analogous

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



58.7868, 0.3656, 0.3862



58.7868, 0.3358, 0.3912



58.7868, 0.3009, 0.3770

Triad

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



58.7868, 0.3358, 0.3912



58.7868, 0.2483, 0.2871



58.7868, 0.3555, 0.3102

Complementary

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



58.7868, 0.3358, 0.3912



37.9996, 0.2853, 0.2640

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.



58.7868, 0.3218, 0.2871



58.7868, 0.3358, 0.3912



58.7868, 0.2608, 0.2733

Square

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



58.7868, 0.3358, 0.3912



58.7868, 0.2516, 0.3138



58.7868, 0.2872, 0.2738



58.7868, 0.3779, 0.3384

Rectangle

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



58.7868, 0.3358, 0.3912



58.7868, 0.2796, 0.3584



58.7868, 0.2872, 0.2738



58.7868, 0.3451, 0.3016

Sweetspot

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



58.7894, 0.3358, 0.3912



97.8351, 0.3195, 0.3464



46.0825, 0.3579, 0.3488



20.9022, 0.3201, 0.3479



0.0000, 0.0000, 0.0000



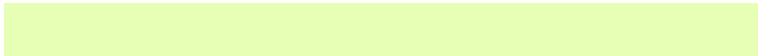
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7894, 0.3358, 0.3912



91.9002, 0.3407, 0.4058



55.8164, 0.3164, 0.3951



13.6000, 0.3217, 0.3523



31.7208, 0.3643, 0.5490



1.8152, 0.3746, 0.5407

Inverse Universe

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



37.9996, 0.2853, 0.2640



53.2290, 0.2781, 0.2480



41.1208, 0.3072, 0.2681



11.5988, 0.3031, 0.3053



3.6197, 0.1734, 0.0729



0.2448, 0.1940, 0.0842

Previews

White Background



This preview shows how the Yxy color 58.7868, 0.3358, 0.3912 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 58.7868, 0.3358, 0.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

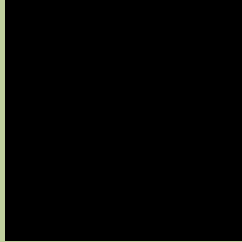
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

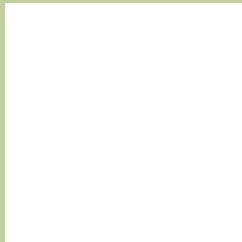
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7868, 0.3358, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 58.7868, 0.3358, 0.3912.



This preview shows how white text looks on a background with the Yxy color 58.7868, 0.3358, 0.3912.

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

58.7868, 0.3358, 0.3912

Protanopia

58.5869, 0.3587, 0.3833

Deuteranopia

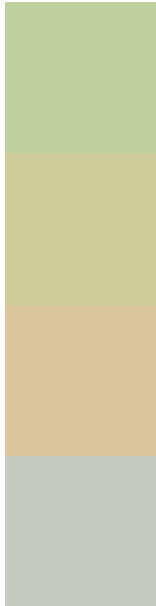
58.3753, 0.3736, 0.3649



Tritanopia

58.5458, 0.3014, 0.3103

Trichromacy



Original Color

58.7868, 0.3358, 0.3912

Protanomaly

58.8514, 0.3504, 0.3867

Deuteranomaly

57.9863, 0.3591, 0.3735

Tritanomaly

58.5223, 0.3138, 0.3386

Monochromacy



Original Color

58.7868, 0.3358, 0.3912

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.3957, 0.3218, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7868, 0.3358, 0.3912 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(192, 208, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 158)  
}
```

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(192, 208, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 158) }
```

Border

The CSS property to change the border of an element to Yxy 58.7868, 0.3358, 0.3912 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(192, 208, 158) }
```

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

```
.border{ border-color:rgb(192, 208, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 208, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 208, 158); box-shadow:4px 4px 4px 4px rgb(192, 208, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7868, 0.3358, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 158) }
```

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

```
.background{ background-color: rgb(192,  
208, 158) }
```

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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