

Converting Colors

Yxy(57.6518, 0.3505, 0.3808)

Have a look what the booklet for
Yxy(57.6518, 0.3505, 0.3808)
contains.

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Color

Yxy(57.6518, 0.3505, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	D0C99E
RGB	208, 201, 158
RGB Percent	82%, 79%, 62%
CMY	0.1844, 0.2117, 0.3804
CMYK	0.00, 0.03, 0.24, 0.18
HSL	52°, 35%, 72%
HSV	52°, 24%, 82%
XYZ	53.0645, 57.6518, 40.6802
YIQ	198.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

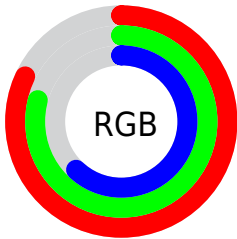
Format	Color
R _Y B	166, 208, 158
Decimal	13683102
CIE Lab	80.54, -4.43, 22.41
CIE LCh	81, 22.843, 101.185
Yxy	57.6518, 0.3505, 0.3808
Android (android.graphics.Color)	4291873182 (0xFFD0C99E)
YUV	198.1910, -19.8142, 8.6025
Hunter-Lab	75.9288, -8.1268, 21.3844

Details

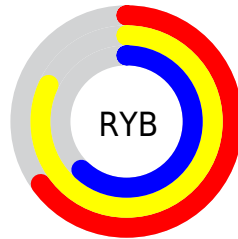
The Yxy color **57.6518, 0.3505, 0.3808** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7181, 0.2728, 0.2713**, and the grayscale version is **56.7080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **28.6803, 0.3603, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **55.6604, 0.3672, 0.4027**, and if you desaturate by 10%, it is **59.7950, 0.3342, 0.3588**.

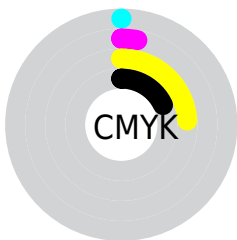
Distribution



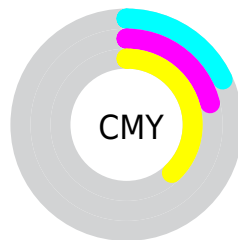
- Red (82%)
- Green (79%)
- Blue (62%)



- Red (65%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6518, 0.3505, 0.3808 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 57.6518, 0.3505, 0.3808 by changing the saturation by 10% instead.


 57.6518, 0.3505,
0.3808

 57.6518, 0.3505,
0.3808


415.8872, 0.3325,
0.3557

 41.5288, 0.3547,
0.3868


 101.4156, 0.3442,
0.3719

 28.7325, 0.3599,
0.3944


 129.8252, 0.3417,
0.3684

 18.8786, 0.3666,
0.4041


163.0991, 0.3396,
0.3655

 11.5826, 0.3753,
0.4172

201.6218, 0.3378,
0.3630

 6.4601, 0.3870,
0.4354

245.7775, 0.3362,
0.3608

 3.1268, 0.4033,
0.4622

295.9507, 0.3348,

 1.1983, 0.4578,

0.3589

0.5422

352.5258, 0.3336,
0.3572

0.0603, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6518, 0.3505,
0.3808

57.6518, 0.3505,
0.3808

55.6604, 0.3672,
0.4027

59.7950, 0.3342,
0.3588

53.8069, 0.3838,
0.4236

62.0880, 0.3187,
0.3374

52.0870, 0.3996,
0.4427

64.5389, 0.3042,
0.3169

50.4933, 0.4141,
0.4589

67.1529, 0.2908,
0.2976

■ 49.0175, 0.4265,
0.4714

■ 69.4763, 0.2825,
0.2867

■ 47.6499, 0.4362,
0.4795

■ 70.9683, 0.2827,
0.2898

■ 46.3789, 0.4432,
0.4831

■ 72.4865, 0.2829,
0.2930

■ 45.6534, 0.4464,
0.4838

■ 74.0311, 0.2831,
0.2962

■ 75.6021, 0.2833,
0.2993

Harmonies

Analogous

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



57.6518, 0.3684, 0.3678



57.6518, 0.3505, 0.3808



57.6518, 0.3228, 0.3793

Triad

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



57.6518, 0.3505, 0.3808



57.6518, 0.2578, 0.3078



57.6518, 0.3306, 0.2988

Complementary

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



57.6518, 0.3505, 0.3808



38.7181, 0.2728, 0.2713

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.



57.6518, 0.3004, 0.2841



57.6518, 0.3505, 0.3808



57.6518, 0.2595, 0.2881

Square

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



57.6518, 0.3505, 0.3808



57.6518, 0.2699, 0.3352



57.6518, 0.2747, 0.2800



57.6518, 0.3569, 0.3209

Rectangle

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



57.6518, 0.3505, 0.3808



57.6518, 0.3029, 0.3695



57.6518, 0.2747, 0.2800



57.6518, 0.3206, 0.2929

Sweetspot

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



57.6544, 0.3505, 0.3808



97.3280, 0.3233, 0.3439



40.5958, 0.3550, 0.3197



20.7841, 0.3243, 0.3452



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.



57.6544, 0.3505, 0.3808



89.7251, 0.3593, 0.3925



58.5752, 0.3346, 0.3914



13.5053, 0.3269, 0.3488



28.5694, 0.4460, 0.4841



1.6765, 0.4404, 0.4886

Inverse Universe

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



38.7181, 0.2728, 0.2713



54.4618, 0.2627, 0.2563



38.1790, 0.2867, 0.2644



11.6793, 0.2982, 0.3084



3.4683, 0.1533, 0.0717



0.2820, 0.1608, 0.0989

Previews

White Background



This preview shows how the Yxy color 57.6518, 0.3505, 0.3808 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 57.6518, 0.3505, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

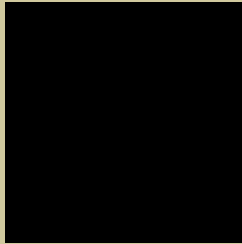
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6518, 0.3505, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 57.6518, 0.3505, 0.3808.



This preview shows how white text looks on a background with the Yxy color 57.6518, 0.3505, 0.3808.

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

57.6518, 0.3505, 0.3808

Protanopia

57.4273, 0.3561, 0.3790

Deuteranopia

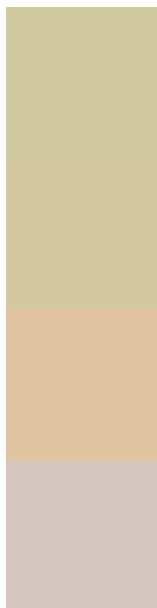
57.5610, 0.3730, 0.3652



Tritanopia

57.4832, 0.3175, 0.3118

Trichromacy



Original Color

57.6518, 0.3505, 0.3808

Protanomaly

57.5918, 0.3541, 0.3804

Deuteranomaly

57.3807, 0.3651, 0.3707

Tritanomaly

57.6473, 0.3300, 0.3373

Monochromacy



Original Color

57.6518, 0.3505, 0.3808

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8223, 0.3269, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6518, 0.3505, 0.3808 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(208, 201, 158)` looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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(208, 201, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 158) }
```

Border

The CSS property to change the border of an element to Yxy 57.6518, 0.3505, 0.3808 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(208, 201, 158) }
```

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

```
.border{ border-color:rgb(208, 201, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 158);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6518, 0.3505, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 158) }
```

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

```
.background{ background-color: rgb(208,  
201, 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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