

Converting Colors

$Y_{xy}(58.7704, 0.3501, 0.3817)$

Have a look what the booklet for
Yxy(58.7704, 0.3501, 0.3817)
contains.

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Color

Yxy(58.7704, 0.3501, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	D1CB9F
RGB	209, 203, 159
RGB Percent	82%, 80%, 62%
CMY	0.1804, 0.2039, 0.3765
CMYK	0.00, 0.03, 0.24, 0.18
HSL	53°, 35%, 72%
HSV	53°, 24%, 82%
XYZ	53.9049, 58.7704, 41.2948
YIQ	199.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

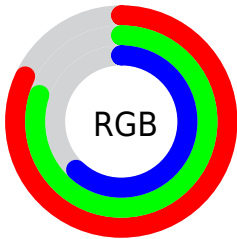
Format	Color
R _Y B	166, 209, 159
Decimal	13749151
CIE Lab	81.17, -4.94, 22.76
CIE LCh	81, 23.288, 102.254
Yxy	58.7704, 0.3501, 0.3817
Android (android.graphics.Color)	4291939231 (0xFFD1CB9F)
YUV	199.7780, -20.1036, 8.0877
Hunter-Lab	76.6619, -8.6456, 21.7261

Details

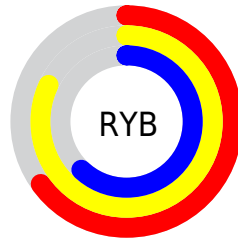
The Yxy color **58.7704, 0.3501, 0.3817** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8689, 0.2728, 0.2702**, and the grayscale version is **57.7328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **29.4265, 0.3596, 0.3959** is the 20% darker color. If you saturate the color by 10%, you get **56.9368, 0.3665, 0.4040**, and if you desaturate by 10%, it is **60.7510, 0.3340, 0.3593**.

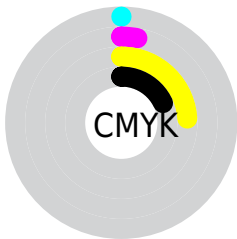
Distribution



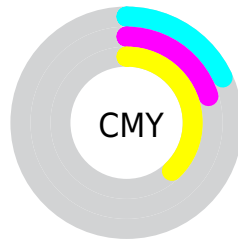
- Red (82%)
- Green (80%)
- Blue (62%)



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



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




- Cyan (18%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7704, 0.3501, 0.3817 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 58.7704, 0.3501, 0.3817 by changing the saturation by 10% instead.


 58.7704, 0.3501,
0.3817

 58.7704, 0.3501,
0.3817


420.0505, 0.3324,
0.3562

 42.4283, 0.3542,
0.3878


 103.0439, 0.3439,
0.3726

 29.4368, 0.3593,
0.3954


 131.7441, 0.3415,
0.3692

 19.4115, 0.3658,
0.4053


165.3325, 0.3394,
0.3662

 11.9680, 0.3743,
0.4185

204.1934, 0.3376,
0.3637

 6.7219, 0.3856,
0.4368

248.7112, 0.3361,
0.3614

 3.2888, 0.4011,
0.4636

299.2705, 0.3347,

 1.2843, 0.4551,

0.3595

0.5449

356.2554, 0.3335,
0.3577

0.1290, 0.0148,
0.9852

0.0000, 0.0000,
0.0000

58.7704, 0.3501,
0.3817

58.7704, 0.3501,
0.3817

56.9368, 0.3665,
0.4040

60.7510, 0.3340,
0.3593

55.2360, 0.3828,
0.4253

62.8764, 0.3185,
0.3374

53.6639, 0.3982,
0.4447

65.1549, 0.3040,
0.3164

52.2129, 0.4121,
0.4612

67.5914, 0.2906,
0.2967

■ 50.8747, 0.4238,
0.4740

■ 69.6329, 0.2832,
0.2868

■ 49.6397, 0.4330,
0.4823

■ 70.9194, 0.2834,
0.2895

■ 48.4961, 0.4393,
0.4862

■ 72.2255, 0.2835,
0.2922

■ 47.8340, 0.4422,
0.4871

■ 73.5512, 0.2836,
0.2950

■ 74.8966, 0.2838,
0.2977

Harmonies

Analogous

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



58.7704, 0.3688, 0.3689



58.7704, 0.3501, 0.3817



58.7704, 0.3219, 0.3797

Triad

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



58.7704, 0.3501, 0.3817



58.7704, 0.2569, 0.3066



58.7704, 0.3319, 0.2992

Complementary

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



58.7704, 0.3501, 0.3817



38.8689, 0.2728, 0.2702

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.



58.7704, 0.3013, 0.2839



58.7704, 0.3501, 0.3817



58.7704, 0.2592, 0.2870

Square

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



58.7704, 0.3501, 0.3817



58.7704, 0.2687, 0.3342



58.7704, 0.2750, 0.2793



58.7704, 0.3583, 0.3216

Rectangle

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



58.7704, 0.3501, 0.3817



58.7704, 0.3017, 0.3693



58.7704, 0.2750, 0.2793



58.7704, 0.3217, 0.2931

Sweetspot

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



58.7730, 0.3501, 0.3817



97.5488, 0.3233, 0.3442



41.0844, 0.3556, 0.3208



20.8354, 0.3242, 0.3455



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.



58.7730, 0.3501, 0.3817



90.6051, 0.3590, 0.3938



59.1302, 0.3338, 0.3913



13.5462, 0.3269, 0.3493



29.5922, 0.4419, 0.4874



1.7243, 0.4372, 0.4911

Inverse Universe

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



38.8689, 0.2728, 0.2702



53.8305, 0.2626, 0.2546



38.7777, 0.2875, 0.2648



11.6422, 0.2982, 0.3079



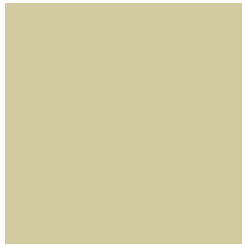
3.3431, 0.1526, 0.0694



0.2646, 0.1594, 0.0938

Previews

White Background



This preview shows how the Yxy color 58.7704, 0.3501, 0.3817 looks on a white background.

Color Contrast Check

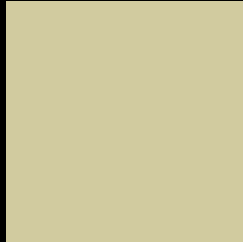
Large Text (above 18pt) WCAG AA × Fail

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 58.7704, 0.3501, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

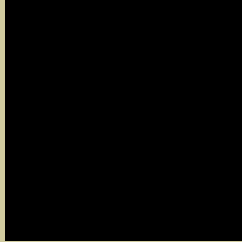
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

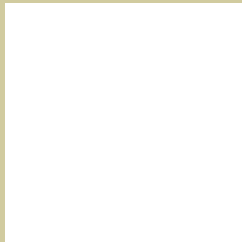
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7704, 0.3501, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 58.7704, 0.3501, 0.3817.



This preview shows how white text looks on a background with the Yxy color 58.7704, 0.3501, 0.3817.

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

58.7704, 0.3501, 0.3817

Protanopia

58.6890, 0.3564, 0.3798

Deuteranopia

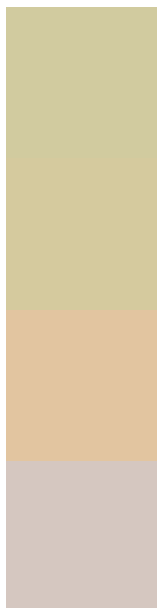
58.8189, 0.3732, 0.3660



Tritanopia

58.7819, 0.3175, 0.3120

Trichromacy



Original Color

58.7704, 0.3501, 0.3817

Protanomaly

58.8558, 0.3545, 0.3812

Deuteranomaly

58.6393, 0.3654, 0.3715

Tritanomaly

58.7988, 0.3291, 0.3372

Monochromacy



Original Color

58.7704, 0.3501, 0.3817

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9726, 0.3260, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7704, 0.3501, 0.3817 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(209, 203, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 203, 159)  
}
```

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(209, 203, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 203, 159) }
```

Border

The CSS property to change the border of an element to Yxy 58.7704, 0.3501, 0.3817 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(209, 203, 159) }
```

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

```
.border{ border-color:rgb(209, 203, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 203, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 203, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 203, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 203,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7704, 0.3501, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 203, 159) }
```

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

```
.background{ background-color: rgb(209,  
203, 159) }
```

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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