

Converting Colors

Yxy(58.7096, 0.3457, 0.3737)

Have a look what the booklet for
Yxy(58.7096, 0.3457, 0.3737)
contains.

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Color

Yxy(58.5130, 0.3458, 0.3733)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1CAA5 |
| RGB | 209, 202, 165 |
| RGB Percent | 82%, 79%, 65% |
| CMY | 0.1805, 0.2078, 0.3530 |
| CMYK | 0.00, 0.03, 0.21, 0.18 |
| HSL | 50°, 32%, 73% |
| HSV | 50°, 21%, 82% |
| XYZ | 54.2025, 58.5130, 44.0297 |
| YIQ | 199.8750, 16.0490, -10.0230 |

Conversions

Conversions Part 2

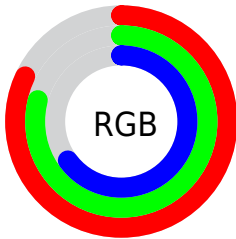
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 173, 209, 165 |
| Decimal | 13748901 |
| CIELab | 81.02, -3.57, 19.38 |
| CIElCh | 81, 19.711, 100.437 |
| Yxy | 58.5130, 0.3458, 0.3733 |
| Android (android.graphics.Color) | 4291938981 (0xFFD1CAA5) |
| YUV | 199.8750, -17.1934, 8.0026 |
| Hunter-Lab | 76.4938, -7.3814, 19.4184 |

Details

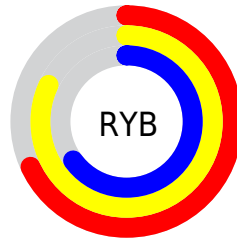
The Yxy color **58.5130, 0.3458, 0.3733** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0929, 0.2783, 0.2804**, and the grayscale version is **57.7781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **29.2421, 0.3540, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **56.2777, 0.3626, 0.3949**, and if you desaturate by 10%, it is **60.9113, 0.3296, 0.3519**.

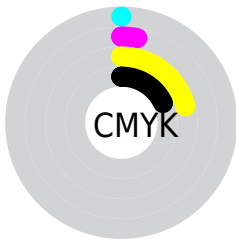
Distribution



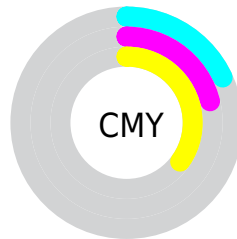
- Red (82%)
- Green (79%)
- Blue (65%)



- Red (68%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5130, 0.3458, 0.3733 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 58.5130, 0.3458, 0.3733 by changing the saturation by 10% instead.


 58.5130, 0.3458,
0.3733


 58.5130, 0.3458,
0.3733


419.0948, 0.3300,
0.3519

 42.2212, 0.3495,
0.3784

 102.6695, 0.3402,
0.3657

 29.2745, 0.3541,
0.3849


 131.3031, 0.3381,
0.3628

 19.2886, 0.3600,
0.3932


164.8193, 0.3363,
0.3603

 11.8790, 0.3678,
0.4044

203.6026, 0.3347,
0.3581

 6.6613, 0.3785,
0.4200

248.0374, 0.3333,
0.3563

 3.2512, 0.3937,
0.4433

298.5081, 0.3321,

 1.2643, 0.4640,

0.3546

0.5360

355.3991, 0.3310,
0.3532

0.1133, 0.1532,
0.8468

0.0000, 0.0000,
0.0000

58.5130, 0.3458,
0.3733

58.5130, 0.3458,
0.3733

56.2777, 0.3626,
0.3949

60.9113, 0.3296,
0.3519

54.1912, 0.3797,
0.4158

63.4705, 0.3143,
0.3311

52.2495, 0.3963,
0.4353

66.1988, 0.3001,
0.3114

50.4451, 0.4118,
0.4522

69.1013, 0.2870,
0.2930

■ 48.7699, 0.4254,
0.4656

■ 71.2146, 0.2834,
0.2901

■ 47.2145, 0.4367,
0.4748

■ 72.9560, 0.2836,
0.2937

■ 45.7678, 0.4451,
0.4795

■ 74.7320, 0.2838,
0.2974

■ 44.5477, 0.4506,
0.4804

■ 76.5427, 0.2840,
0.3009

■ 78.3884, 0.2842,
0.3045

Harmonies

Analogous

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



58.5130, 0.3608, 0.3622



58.5130, 0.3458, 0.3733



58.5130, 0.3222, 0.3721

Triad

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



58.5130, 0.3458, 0.3733



58.5130, 0.2654, 0.3115



58.5130, 0.3276, 0.3025

Complementary

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



58.5130, 0.3458, 0.3733



42.0929, 0.2783, 0.2804

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.



58.5130, 0.3016, 0.2899



58.5130, 0.3458, 0.3733



58.5130, 0.2666, 0.2942

Square

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



58.5130, 0.3458, 0.3733



58.5130, 0.2762, 0.3351



58.5130, 0.2795, 0.2867



58.5130, 0.3502, 0.3216

Rectangle

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



58.5130, 0.3458, 0.3733



58.5130, 0.3051, 0.3639



58.5130, 0.2795, 0.2867



58.5130, 0.3189, 0.2974

Sweetspot

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



58.5156, 0.3458, 0.3733



97.5158, 0.3218, 0.3414



43.4513, 0.3478, 0.3201



20.8157, 0.3228, 0.3428



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.



58.5156, 0.3458, 0.3733



90.2736, 0.3529, 0.3825



59.8215, 0.3325, 0.3831



13.4651, 0.3270, 0.3484



27.5913, 0.4501, 0.4808



1.6305, 0.4436, 0.4860

Inverse Universe

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



42.0929, 0.2783, 0.2804



60.2681, 0.2705, 0.2692



41.1719, 0.2897, 0.2730



11.7160, 0.2982, 0.3088



3.6076, 0.1540, 0.0743



0.2991, 0.1622, 0.1039

Previews

White Background



This preview shows how the Yxy color 58.5130, 0.3458, 0.3733 looks on a white background.

Color Contrast Check

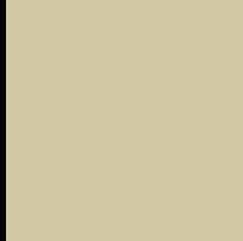
Large Text (above 18pt) WCAG AA × Fail

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 58.5130, 0.3458, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

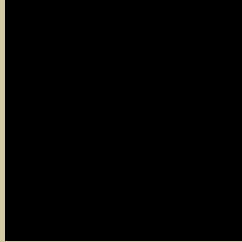
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

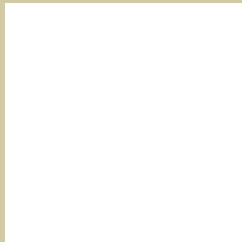
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5130, 0.3458, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 58.5130, 0.3458, 0.3733.



This preview shows how white text looks on a background with the Yxy color 58.5130, 0.3458, 0.3733.

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

58.5130, 0.3458, 0.3733

Protanopia

58.5998, 0.3501, 0.3729

Deuteranopia

58.2536, 0.3669, 0.3583



Tritanopia

58.6301, 0.3167, 0.3119

Trichromacy



Original Color

58.5130, 0.3458, 0.3733

Protanomaly

58.4507, 0.3493, 0.3730

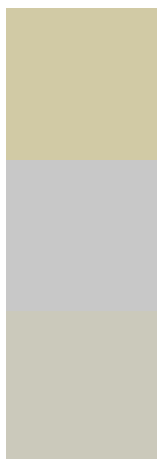
Deuteranomaly

58.0803, 0.3592, 0.3637

Tritanomaly

58.4293, 0.3277, 0.3337

Monochromacy



Original Color

58.5130, 0.3458, 0.3733

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0577, 0.3245, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5130, 0.3458, 0.3733 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, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 165)  
}
```

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, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 165) }
```

Border

The CSS property to change the border of an element to Yxy 58.5130, 0.3458, 0.3733 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, 202, 165) }
```

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

```
.border{ border-color:rgb(209, 202, 165) }
```

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

Here you see how a box with a 4 pixel rgb(209, 202, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5130, 0.3458, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 165) }
```

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

```
.background{ background-color: rgb(209,  
202, 165) }
```

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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