

Converting Colors

Yxy(58.4709, 0.3566, 0.3832)

Have a look what the booklet for
Yxy(58.4709, 0.3566, 0.3832)
contains.

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Color

Yxy(58.3197, 0.3563, 0.3824)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D5C99C |
| RGB | 213, 201, 156 |
| RGB Percent | 84%, 79%, 61% |
| CMY | 0.1645, 0.2118, 0.3882 |
| CMYK | 0.00, 0.06, 0.27, 0.16 |
| HSL | 47°, 40%, 72% |
| HSV | 47°, 27%, 84% |
| XYZ | 54.3392, 58.3197, 39.8508 |
| YIQ | 199.4580, 21.5970, -11.4510 |

Conversions

Conversions Part 2

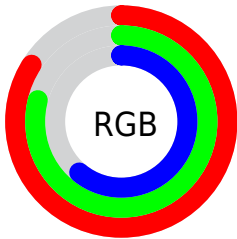
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 171, 213, 156 |
| Decimal | 14010780 |
| CIE Lab | 80.92, -2.76, 24.04 |
| CIE LCh | 81, 24.194, 96.553 |
| Yxy | 58.3197, 0.3563, 0.3824 |
| Android (android.graphics.Color) | 4292200860 (0xFFD5C99C) |
| YUV | 199.4580, -21.4248, 11.8763 |
| Hunter-Lab | 76.3673, -6.6311, 22.5178 |

Details

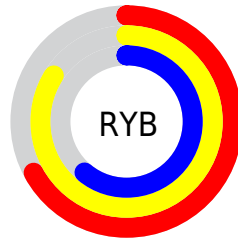
The Yxy color **58.3197, 0.3563, 0.3824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9084, 0.2681, 0.2692**, and the grayscale version is **57.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **29.1360, 0.3680, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **55.5931, 0.3741, 0.4026**, and if you desaturate by 10%, it is **61.2397, 0.3391, 0.3620**.

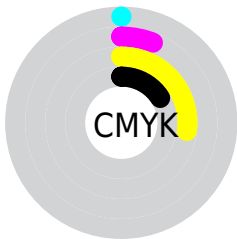
Distribution



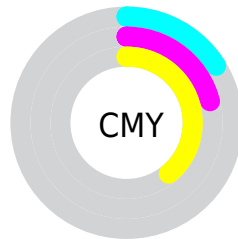
- Red (84%)
- Green (79%)
- Blue (61%)



- Red (67%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3197, 0.3563, 0.3824 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 58.3197, 0.3563, 0.3824 by changing the saturation by 10% instead.


 58.3197, 0.3563,
0.3824


 58.3197, 0.3563,
0.3824


418.3762, 0.3355,
0.3567

 42.0657, 0.3611,
0.3885


 102.3883, 0.3490,
0.3733

 29.1528, 0.3672,
0.3961


 130.9717, 0.3462,
0.3698

 19.1964, 0.3748,
0.4059


164.4336, 0.3438,
0.3668

 11.8123, 0.3848,
0.4189

203.1586, 0.3417,
0.3642

 6.6160, 0.3983,
0.4367

247.5309, 0.3399,
0.3620

 3.2231, 0.4170,
0.4624

297.9350, 0.3382,

 1.2493, 0.4693,

0.3600

0.5307

354.7553, 0.3368,
0.3582

0.1014, 0.2223,
0.7777

0.0000, 0.0000,
0.0000

58.3197, 0.3563,
0.3824

58.3197, 0.3563,
0.3824

55.5931, 0.3741,
0.4026

61.2397, 0.3391,
0.3620

53.0450, 0.3921,
0.4219

64.3520, 0.3230,
0.3420

50.6702, 0.4097,
0.4392

67.6653, 0.3080,
0.3229

48.4602, 0.4259,
0.4535

71.1856, 0.2943,
0.3050

46.4054, 0.4402,
0.4639

74.4233, 0.2863,
0.2958

44.4948, 0.4517,
0.4697

76.8700, 0.2865,
0.3006

42.7141, 0.4604,
0.4708

79.3813, 0.2867,
0.3054

42.1589, 0.4629,
0.4707

81.9577, 0.2869,
0.3102

84.5996, 0.2871,
0.3150

Harmonies

Analogous

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



58.3197, 0.3731, 0.3666



58.3197, 0.3563, 0.3824



58.3197, 0.3282, 0.3836

Triad

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



58.3197, 0.3563, 0.3824



58.3197, 0.2559, 0.3106



58.3197, 0.3267, 0.2943

Complementary

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



58.3197, 0.3563, 0.3824



39.9084, 0.2681, 0.2692

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.



58.3197, 0.2950, 0.2804



58.3197, 0.3563, 0.3824



58.3197, 0.2555, 0.2883

Square

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



58.3197, 0.3563, 0.3824



58.3197, 0.2707, 0.3402



58.3197, 0.2694, 0.2779



58.3197, 0.3558, 0.3165

Rectangle

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



58.3197, 0.3563, 0.3824



58.3197, 0.3071, 0.3749



58.3197, 0.2694, 0.2779



58.3197, 0.3159, 0.2885

Sweetspot

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



58.3223, 0.3563, 0.3824



96.0337, 0.3250, 0.3446



40.7761, 0.3576, 0.3140



20.4002, 0.3274, 0.3476



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.



58.3223, 0.3563, 0.3824



85.2940, 0.3662, 0.3937



61.8691, 0.3400, 0.3984



14.0534, 0.3272, 0.3473



25.8923, 0.4621, 0.4713



1.6758, 0.4533, 0.4783

Inverse Universe

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



39.9084, 0.2681, 0.2692



53.2607, 0.2577, 0.2546



37.3786, 0.2798, 0.2554



12.4300, 0.2982, 0.3101



4.2039, 0.1562, 0.0824



0.3760, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 58.3197, 0.3563, 0.3824 looks on a white background.

Color Contrast Check

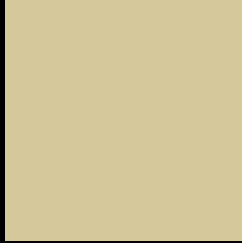
Large Text (above 18pt) WCAG AA × Fail

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 58.3197, 0.3563, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

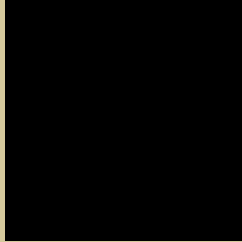
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

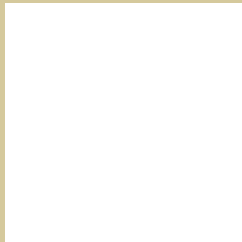
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3197, 0.3563, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 58.3197, 0.3563, 0.3824.

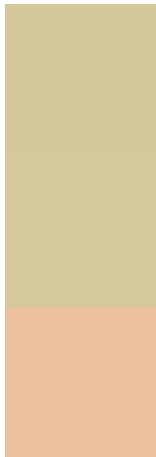


This preview shows how white text looks on a background with the Yxy color 58.3197, 0.3563, 0.3824.

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

58.3197, 0.3563, 0.3824

Protanopia

58.4697, 0.3571, 0.3823

Deuteranopia

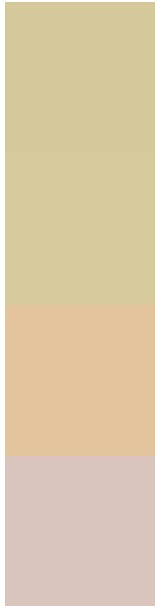
58.2707, 0.3760, 0.3683



Tritanopia

58.4027, 0.3223, 0.3121

Trichromacy



Original Color

58.3197, 0.3563, 0.3824

Protanomaly

58.4697, 0.3571, 0.3823

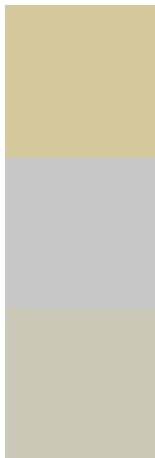
Deuteranomaly

58.2451, 0.3690, 0.3737

Tritanomaly

58.4019, 0.3341, 0.3372

Monochromacy



Original Color

58.3197, 0.3563, 0.3824

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.5648, 0.3284, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3197, 0.3563, 0.3824 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(213, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 156)  
}
```

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(213, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 156) }
```

Border

The CSS property to change the border of an element to Yxy 58.3197, 0.3563, 0.3824 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(213, 201, 156) }
```

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

```
.border{ border-color:rgb(213, 201, 156) }
```

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

Here you see how a box with a 4 pixel rgb(213, 201, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3197, 0.3563, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 156) }
```

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

```
.background{ background-color: rgb(213,  
201, 156) }
```

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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