

Converting Colors

$Yxy(57.9474, 0.3599, 0.3944)$

Have a look what the booklet for
Yxy(57.9474, 0.3599, 0.3944)
contains.

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Color

Yxy(58.0493, 0.3602, 0.3948)

Conversions

Conversions Part 1

Format	Color
Hex	D2CA93
RGB	210, 202, 147
RGB Percent	82%, 79%, 58%
CMY	0.1766, 0.2078, 0.4235
CMYK	0.00, 0.04, 0.30, 0.18
HSL	52°, 41%, 70%
HSV	52°, 30%, 82%
XYZ	52.9619, 58.0493, 36.0235
YIQ	198.1220, 22.4230, -15.4090

Conversions

Conversions Part 2

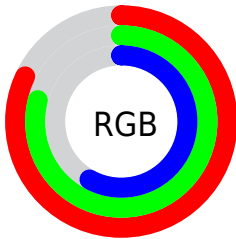
Format	Color
RYB	156, 210, 147
Decimal	13814419
CIELab	80.77, -5.65, 28.51
CIELCh	81, 29.066, 101.210
Yxy	58.0493, 0.3602, 0.3948
Android (android.graphics.Color)	4292004499 (0xFFD2CA93)
YUV	198.1220, -25.2031, 10.4170
Hunter-Lab	76.1901, -9.2522, 25.3001

Details

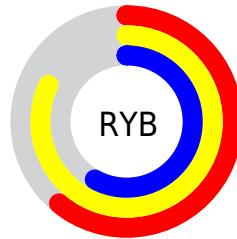
The Yxy color **58.0493, 0.3602, 0.3948** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.2948, 0.2613, 0.2533**, and the grayscale version is **56.6965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **28.9929, 0.3719, 0.4113** is the 20% darker color. If you saturate the color by 10%, you get **56.2152, 0.3767, 0.4165**, and if you desaturate by 10%, it is **60.0305, 0.3438, 0.3725**.

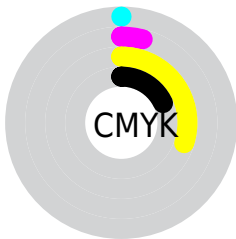
Distribution



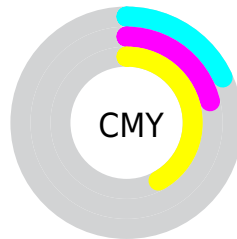
- Red (82%)
- Green (79%)
- Blue (58%)



- Red (61%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (18%)




- Cyan (18%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0493, 0.3602, 0.3948 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 58.0493, 0.3602, 0.3948 by changing the saturation by 10% instead.


 58.0493, 0.3602,
0.3948

 58.0493, 0.3602,
0.3948

417.3696, 0.3378,
0.3630

 41.8483, 0.3653,
0.4023


 101.9946, 0.3524,
0.3835

 28.9825, 0.3717,
0.4118


 130.5078, 0.3493,
0.3792

 19.0676, 0.3796,
0.4239


163.8937, 0.3467,
0.3755

 11.7191, 0.3897,
0.4398

202.5369, 0.3445,
0.3723

 6.5527, 0.4028,
0.4615

246.8217, 0.3425,
0.3695

 3.1840, 0.4235,
0.4969

297.1324, 0.3407,

 1.2285, 0.4498,

0.3671

0.5502

353.8536, 0.3392,
0.3649

0.0848, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.0493, 0.3602,
0.3948

58.0493, 0.3602,
0.3948

56.2152, 0.3767,
0.4165

60.0305, 0.3438,
0.3725

54.5136, 0.3927,
0.4367

62.1570, 0.3278,
0.3504

52.9398, 0.4074,
0.4543

64.4373, 0.3127,
0.3290

51.4858, 0.4203,
0.4686

66.8766, 0.2986,
0.3086

■ 50.1424, 0.4308,
0.4786

■ 69.4802, 0.2856,
0.2896

■ 48.8986, 0.4384,
0.4842

■ 71.0384, 0.2840,
0.2895

■ 47.7345, 0.4437,
0.4859

■ 72.4274, 0.2841,
0.2924

■ 47.7328, 0.4437,
0.4859

■ 73.8386, 0.2843,
0.2953

■ 75.2722, 0.2844,
0.2982

Harmonies

Analogous

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



58.0493, 0.3834, 0.3774



58.0493, 0.3602, 0.3948



58.0493, 0.3250, 0.3937

Triad

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



58.0493, 0.3602, 0.3948



58.0493, 0.2438, 0.3015



58.0493, 0.3353, 0.2912

Complementary

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



58.0493, 0.3602, 0.3948



34.2948, 0.2613, 0.2533

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.



58.0493, 0.2969, 0.2730



58.0493, 0.3602, 0.3948



58.0493, 0.2460, 0.2771

Square

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



58.0493, 0.3602, 0.3948



58.0493, 0.2586, 0.3365



58.0493, 0.2648, 0.2676



58.0493, 0.3690, 0.3184

Rectangle

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



58.0493, 0.3602, 0.3948



58.0493, 0.2998, 0.3811



58.0493, 0.2648, 0.2676



58.0493, 0.3224, 0.2839

Sweetspot

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



58.0519, 0.3602, 0.3948



96.7698, 0.3264, 0.3485



36.9520, 0.3704, 0.3186



20.6050, 0.3287, 0.3517



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.



58.0519, 0.3602, 0.3948



88.2416, 0.3708, 0.4088



58.7414, 0.3390, 0.4082



13.5316, 0.3269, 0.3491



29.2253, 0.4433, 0.4862



1.7072, 0.4383, 0.4902

Inverse Universe

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



34.2948, 0.2613, 0.2533



45.6168, 0.2487, 0.2340



34.0826, 0.2797, 0.2465



11.6554, 0.2982, 0.3080



3.3858, 0.1529, 0.0702



0.2708, 0.1599, 0.0956

Previews

White Background



This preview shows how the Yxy color 58.0493, 0.3602, 0.3948 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 58.0493, 0.3602, 0.3948 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

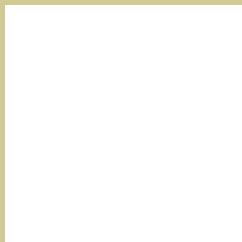
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0493, 0.3602, 0.3948

Background



This preview shows how black text looks on a background with the Yxy color 58.0493, 0.3602, 0.3948.



This preview shows how white text looks on a background with the Yxy color 58.0493, 0.3602, 0.3948.

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

58.0493, 0.3602, 0.3948

Protanopia

57.8309, 0.3659, 0.3928

Deuteranopia

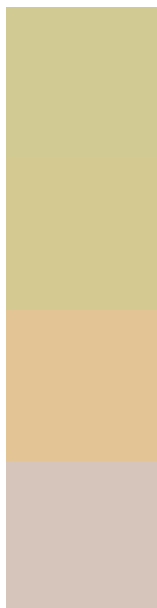
57.8737, 0.3855, 0.3769



Tritanopia

57.9387, 0.3199, 0.3120

Trichromacy



Original Color

58.0493, 0.3602, 0.3948

Protanomaly

57.9947, 0.3639, 0.3943

Deuteranomaly

57.9489, 0.3761, 0.3840

Tritanomaly

57.7738, 0.3348, 0.3419

Monochromacy



Original Color

58.0493, 0.3602, 0.3948

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.6581, 0.3300, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0493, 0.3602, 0.3948 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(210, 202, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 202, 147)  
}
```

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(210, 202, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 147) }
```

Border

The CSS property to change the border of an element to Yxy 58.0493, 0.3602, 0.3948 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(210, 202, 147) }
```

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

```
.border{ border-color:rgb(210, 202, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 202, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 202, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 202, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 202,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0493, 0.3602, 0.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 147) }
```

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

```
.background{ background-color: rgb(210,  
202, 147) }
```

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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