

Converting Colors

$Yxy(57.9765, 0.3694, 0.3938)$

Have a look what the booklet for
Yxy(57.9765, 0.3694, 0.3938)
contains.

Yxy(58.0739, 0.3691, 0.3948)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.0739, 0.3691, 0.3948)

Conversions

Conversions Part 1

Format	Color
Hex	D9C890
RGB	217, 200, 144
RGB Percent	85%, 78%, 56%
CMY	0.1492, 0.2156, 0.4353
CMYK	0.00, 0.08, 0.34, 0.15
HSL	46°, 49%, 71%
HSV	46°, 34%, 85%
XYZ	54.2935, 58.0739, 34.7296
YIQ	198.6990, 28.1080, -13.8120

Conversions

Conversions Part 2

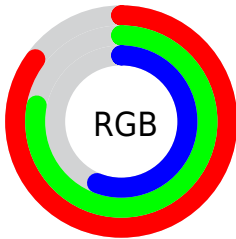
Format	Color
R _Y B	166, 217, 144
Decimal	14272656
CIE Lab	80.78, -2.29, 30.21
CIE LCh	81, 30.298, 94.334
Yxy	58.0739, 0.3691, 0.3948
Android (android.graphics.Color)	4292462736 (0xFFD9C890)
YUV	198.6990, -26.9666, 16.0500
Hunter-Lab	76.2062, -6.1877, 26.3240

Details

The Yxy color **58.0739, 0.3691, 0.3948** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4011, 0.2555, 0.2530**, and the grayscale version is **57.0728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **28.9251, 0.3829, 0.4109** is the 20% darker color. If you saturate the color by 10%, you get **55.1809, 0.3875, 0.4141**, and if you desaturate by 10%, it is **61.1765, 0.3511, 0.3749**.

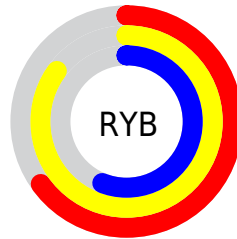
Distribution



Red (85%)

Green (78%)

Blue (56%)



Red (65%)

Yellow (85%)

Blue (56%)

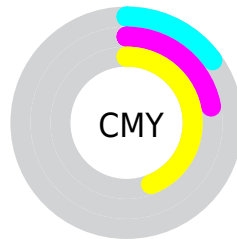


Cyan (0%)

Magenta (8%)

Yellow (34%)

Black (15%)



Cyan (15%)


Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0739, 0.3691, 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 58.0739, 0.3691, 0.3948 by changing the saturation by 10% instead.


 58.0739, 0.3691,
0.3948


 58.0739, 0.3691,
0.3948


417.4612, 0.3424,
0.3633

 41.8681, 0.3753,
0.4022

 102.0305, 0.3598,
0.3837

 28.9980, 0.3829,
0.4113


 130.5500, 0.3561,
0.3794

 19.0793, 0.3924,
0.4228


163.9429, 0.3530,
0.3758

 11.7276, 0.4046,
0.4378

202.5935, 0.3503,
0.3726

 6.5585, 0.4204,
0.4577

246.8862, 0.3480,
0.3698

 3.1875, 0.4475,
0.4919

297.2055, 0.3459,

 1.2304, 0.4723,

0.3674

0.5277

353.9357, 0.3440,
0.3652

0.0863, 0.2325,
0.7675

0.0000, 0.0000,
0.0000

58.0739, 0.3691,
0.3948

58.0739, 0.3691,
0.3948

55.1809, 0.3875,
0.4141

61.1765, 0.3511,
0.3749

52.4815, 0.4059,
0.4318

64.4883, 0.3341,
0.3550

49.9696, 0.4233,
0.4468

68.0189, 0.3182,
0.3358

47.6353, 0.4390,
0.4582

71.7747, 0.3036,
0.3175

45.4674, 0.4523,
0.4651

75.7622, 0.2903,
0.3004

43.4526, 0.4626,
0.4672

78.6905, 0.2890,
0.3032

42.2351, 0.4679,
0.4667

81.5379, 0.2892,
0.3085

84.4671, 0.2894,
0.3138

87.4785, 0.2896,
0.3190

Harmonies

Analogous

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



58.0739, 0.3892, 0.3731



58.0739, 0.3691, 0.3948



58.0739, 0.3344, 0.3989

Triad

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



58.0739, 0.3691, 0.3948



58.0739, 0.2431, 0.3079



58.0739, 0.3270, 0.2844

Complementary

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



58.0739, 0.3691, 0.3948



36.4011, 0.2555, 0.2530

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.



58.0739, 0.2876, 0.2683



58.0739, 0.3691, 0.3948



58.0739, 0.2413, 0.2794

Square

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



58.0739, 0.3691, 0.3948



58.0739, 0.2622, 0.3457



58.0739, 0.2570, 0.2660



58.0739, 0.3644, 0.3109

Rectangle

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



58.0739, 0.3691, 0.3948



58.0739, 0.3081, 0.3891



58.0739, 0.2570, 0.2660



58.0739, 0.3134, 0.2777

Sweetspot

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



58.0766, 0.3691, 0.3948



94.7465, 0.3283, 0.3481



37.2632, 0.3725, 0.3084



20.1272, 0.3306, 0.3509



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.



58.0766, 0.3691, 0.3948



80.8932, 0.3815, 0.4079



63.5548, 0.3477, 0.4170



14.7247, 0.3272, 0.3468



25.7462, 0.4671, 0.4673



1.7951, 0.4577, 0.4748

Inverse Universe

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



36.4011, 0.2555, 0.2530



45.3088, 0.2427, 0.2347



32.7859, 0.2684, 0.2335



13.1052, 0.2981, 0.3105



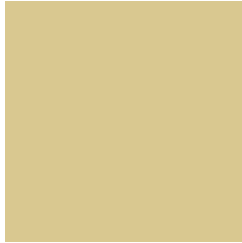
4.5671, 0.1572, 0.0860



0.4280, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 58.0739, 0.3691, 0.3948 looks on a white background.

Color Contrast Check

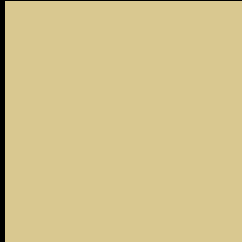
Large Text (above 18pt) WCAG AA × Fail

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 58.0739, 0.3691, 0.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

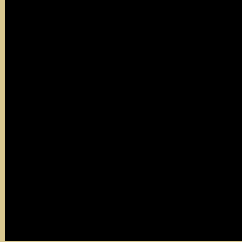
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0739, 0.3691, 0.3948

Background



This preview shows how black text looks on a background with the Yxy color 58.0739, 0.3691, 0.3948.

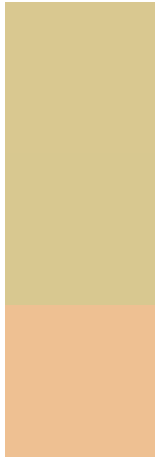


This preview shows how white text looks on a background with the Yxy color 58.0739, 0.3691, 0.3948.

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

58.0739, 0.3691, 0.3948

Protanopia

57.9211, 0.3683, 0.3950

Deuteranopia

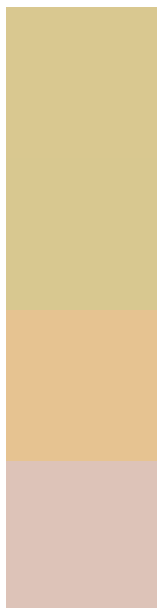
57.9517, 0.3888, 0.3800



Tritanopia

58.0516, 0.3273, 0.3122

Trichromacy



Original Color

58.0739, 0.3691, 0.3948

Protanomaly

57.9211, 0.3683, 0.3950

Deuteranomaly

57.8975, 0.3815, 0.3857

Tritanomaly

57.8631, 0.3425, 0.3418

Monochromacy



Original Color

58.0739, 0.3691, 0.3948

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2233, 0.3332, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0739, 0.3691, 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(217, 200, 144)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 144)  
}
```

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(217, 200, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 144) }
```

Border

The CSS property to change the border of an element to Yxy 58.0739, 0.3691, 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(217, 200, 144) }
```

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

```
.border{ border-color:rgb(217, 200, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 200, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 200, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 200, 144); box-shadow:4px 4px 4px 4px rgb(217, 200, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0739, 0.3691, 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(217, 200, 144) }
```

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

```
.background{ background-color: rgb(217,  
200, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor