

# Converting Colors

Yxy(58.0810, 0.3664, 0.3907)

Have a look what the booklet for  
Yxy(58.0810, 0.3664, 0.3907)  
contains.

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# Color

**Yxy(58.1669, 0.3669, 0.3913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9C893
RGB	217, 200, 147
RGB Percent	85%, 78%, 58%
CMY	0.1489, 0.2157, 0.4236
CMYK	0.00, 0.08, 0.32, 0.15
HSL	45°, 48%, 71%
HSV	45°, 32%, 85%
XYZ	54.5398, 58.1669, 35.9437
YIQ	199.0410, 27.1450, -12.8790

# Conversions

## Conversions Part 2

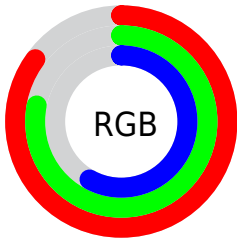
Format	Color
R <sub>Y</sub> B	169, 217, 147
Decimal	14272659
CIE Lab	80.83, -1.89, 28.73
CIE LCh	81, 28.788, 93.756
Yxy	58.1669, 0.3669, 0.3913
Android (android.graphics.Color)	4292462739 (0xFFD9C893)
YUV	199.0410, -25.6562, 15.7500
Hunter-Lab	76.2672, -5.8196, 25.4445

# Details

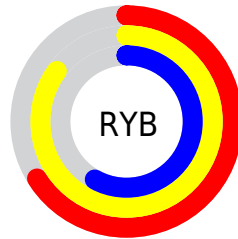
The Yxy color **58.1669, 0.3669, 0.3913** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7615, 0.2581, 0.2577**, and the grayscale version is **57.2890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **28.9794, 0.3799, 0.4064** is the 20% darker color. If you saturate the color by 10%, you get **55.1500, 0.3855, 0.4105**, and if you desaturate by 10%, it is **61.4019, 0.3489, 0.3716**.

# Distribution



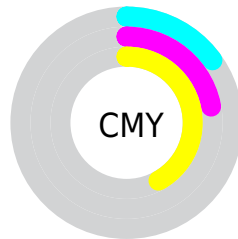
- Red (85%)
- Green (78%)
- Blue (58%)



- Red (66%)
- Yellow (85%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1669, 0.3669, 0.3913 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 58.1669, 0.3669, 0.3913 by changing the saturation by 10% instead.



■ 58.1669, 0.3669,  
0.3913

■ 58.1669, 0.3669,  
0.3913

417.8076, 0.3412,  
0.3615

■ 41.9428, 0.3729,  
0.3983

■ 102.1659, 0.3579,  
0.3808

■ 29.0565, 0.3802,  
0.4070

■ 130.7096, 0.3544,  
0.3767

■ 19.1236, 0.3895,  
0.4180

164.1286, 0.3514,  
0.3733

■ 11.7596, 0.4015,  
0.4323

202.8073, 0.3488,  
0.3703

■ 6.5802, 0.4172,  
0.4514

247.1302, 0.3465,  
0.3677

■ 3.2010, 0.4421,  
0.4822

297.4816, 0.3445,

■ 1.2375, 0.4750,

0.3653

0.5250

354.2459, 0.3427,  
0.3633

0.0921, 0.3105,  
0.6895

0.0000, 0.0000,  
0.0000

58.1669, 0.3669,  
0.3913

58.1669, 0.3669,  
0.3913

55.1500, 0.3855,  
0.4105

61.4019, 0.3489,  
0.3716

52.3353, 0.4042,  
0.4282

64.8546, 0.3319,  
0.3520

49.7164, 0.4221,  
0.4435

68.5346, 0.3161,  
0.3332

47.2837, 0.4385,  
0.4553

72.4486, 0.3017,  
0.3153

■ 45.0260, 0.4526,  
0.4627

■ 76.5717, 0.2889,  
0.2991

■ 42.9301, 0.4637,  
0.4653

■ 79.4911, 0.2891,  
0.3047

■ 41.4062, 0.4706,  
0.4645

■ 82.4996, 0.2893,  
0.3103

■ 85.5979, 0.2895,  
0.3158

■ 88.7868, 0.2897,  
0.3212

# Harmonies

## Analogous

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



58.1669, 0.3855, 0.3707



58.1669, 0.3669, 0.3913



58.1669, 0.3341, 0.3953

# Triad

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



58.1669, 0.3669, 0.3913



58.1669, 0.2466, 0.3097



58.1669, 0.3256, 0.2861

# Complementary

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



58.1669, 0.3669, 0.3913



37.7615, 0.2581, 0.2577

# 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.



58.1669, 0.2882, 0.2709



58.1669, 0.3669, 0.3913



58.1669, 0.2445, 0.2823

# Square

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



58.1669, 0.3669, 0.3913



58.1669, 0.2652, 0.3456



58.1669, 0.2592, 0.2691



58.1669, 0.3612, 0.3112



# Rectangle

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



58.1669, 0.3669, 0.3913



58.1669, 0.3092, 0.3862



58.1669, 0.2592, 0.2691



58.1669, 0.3127, 0.2797

# Sweetspot

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



58.1696, 0.3669, 0.3913



94.5743, 0.3283, 0.3478



38.3119, 0.3680, 0.3079



20.0854, 0.3306, 0.3506



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.



58.1696, 0.3669, 0.3913



80.7010, 0.3800, 0.4050



63.9572, 0.3473, 0.4131



14.6997, 0.3273, 0.3466



25.2311, 0.4697, 0.4652



1.7656, 0.4598, 0.4731



# Inverse Universe

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



37.7615, 0.2581, 0.2577



46.7733, 0.2448, 0.2389



33.8136, 0.2695, 0.2375



13.1286, 0.2981, 0.3108



4.6989, 0.1578, 0.0881

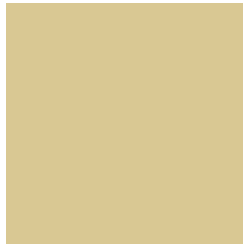


0.4394, 0.1665, 0.1194



# Previews

## White Background



This preview shows how the Yxy color 58.1669, 0.3669, 0.3913 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

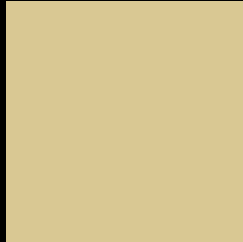
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.1669, 0.3669, 0.3913 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

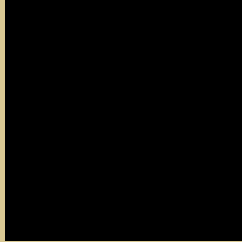
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.1669, 0.3669, 0.3913**

## Background



This preview shows how black text looks on a background with the Yxy color 58.1669, 0.3669, 0.3913.



This preview shows how white text looks on a background with the Yxy color 58.1669, 0.3669, 0.3913.

# 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

58.1669, 0.3669, 0.3913

### Protanopia

58.0141, 0.3660, 0.3915

### Deuteranopia

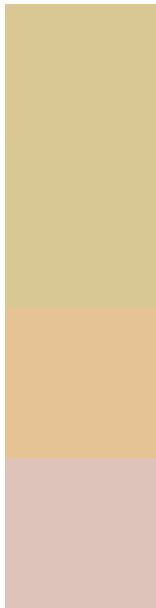
57.8737, 0.3855, 0.3769



## Tritanopia

58.0516, 0.3273, 0.3122

# Trichromacy



**Original Color**

58.1669, 0.3669, 0.3913

**Protanomaly**

58.0141, 0.3660, 0.3915

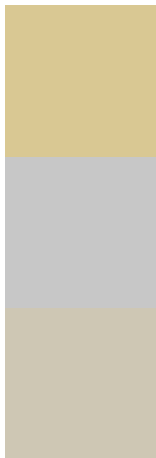
**Deuteranomaly**

57.9913, 0.3791, 0.3824

**Tritanomaly**

57.9051, 0.3417, 0.3406

# Monochromacy



**Original Color**

58.1669, 0.3669, 0.3913

**Achromatopsia**

57.1125, 0.3127, 0.3290

**Achromatomaly**

57.2639, 0.3325, 0.3518

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.1669, 0.3669, 0.3913 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 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(217, 200, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 147) }
```

## Border

The CSS property to change the border of an element to Yxy 58.1669, 0.3669, 0.3913 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, 147) }
```

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

```
.border{ border-color:rgb(217, 200, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
147) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.1669, 0.3669, 0.3913 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, 147) }
```

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

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