

Converting Colors

$Yxy(56.9013, 0.3609, 0.3885)$

Have a look what the booklet for
Yxy(56.9013, 0.3609, 0.3885)
contains.

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Color

Yxy(57.0138, 0.3614, 0.3888)

Conversions

Conversions Part 1

Format	Color
Hex	D4C795
RGB	212, 199, 149
RGB Percent	83%, 78%, 58%
CMY	0.1687, 0.2196, 0.4158
CMYK	0.00, 0.06, 0.30, 0.17
HSL	48°, 42%, 71%
HSV	48°, 30%, 83%
XYZ	52.9959, 57.0138, 36.6308
YIQ	197.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

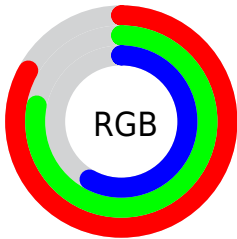
Format	Color
R _Y B	165, 212, 149
Decimal	13944725
CIE Lab	80.19, -3.07, 26.74
CIE LCh	80, 26.916, 96.545
Yxy	57.0138, 0.3614, 0.3888
Android (android.graphics.Color)	4292134805 (0xFFD4C795)
YUV	197.1870, -23.7562, 12.9910
Hunter-Lab	75.5075, -6.8557, 24.0920

Details

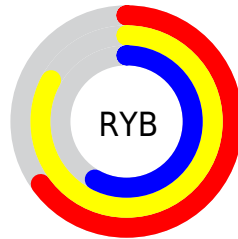
The Yxy color **57.0138, 0.3614, 0.3888** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9626, 0.2626, 0.2610**, and the grayscale version is **56.0885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **28.3007, 0.3739, 0.4033** is the 20% darker color. If you saturate the color by 10%, you get **54.4189, 0.3792, 0.4089**, and if you desaturate by 10%, it is **59.7948, 0.3441, 0.3683**.

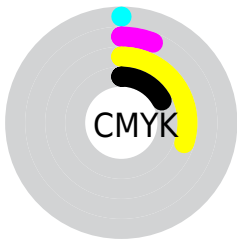
Distribution



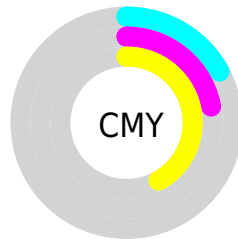
- Red (83%)
- Green (78%)
- Blue (58%)



- Red (65%)
- Yellow (83%)
- Blue (58%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (17%)





- Cyan (17%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0138, 0.3614, 0.3888 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 57.0138, 0.3614, 0.3888 by changing the saturation by 10% instead.


 57.0138, 0.3614,
0.3888


 57.0138, 0.3614,
0.3888

413.5010, 0.3382,
0.3599

 41.0163, 0.3668,
0.3956


 100.4853, 0.3532,
0.3786

 28.3318, 0.3735,
0.4042


 128.7282, 0.3501,
0.3747

 18.5760, 0.3820,
0.4151


161.8216, 0.3474,
0.3713

 11.3643, 0.3930,
0.4296

200.1499, 0.3451,
0.3684

 6.3124, 0.4075,
0.4492

244.0977, 0.3430,
0.3659

 3.0360, 0.4303,
0.4805

294.0492, 0.3412,

 1.1505, 0.4667,

0.3637

0.5333

350.3888, 0.3396,
0.3617

0.0207, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.0138, 0.3614,
0.3888

57.0138, 0.3614,
0.3888

54.4189, 0.3792,
0.4089

59.7948, 0.3441,
0.3683

51.9952, 0.3970,
0.4278

62.7607, 0.3276,
0.3480

49.7374, 0.4141,
0.4444

65.9205, 0.3123,
0.3285

47.6369, 0.4297,
0.4578

69.2799, 0.2983,
0.3100

■ 45.6839, 0.4430,
0.4669

■ 72.8446, 0.2855,
0.2928

■ 43.8668, 0.4535,
0.4714

■ 75.1810, 0.2857,
0.2975

■ 42.1659, 0.4613,
0.4717

■ 77.5754, 0.2859,
0.3022

■ 42.1210, 0.4615,
0.4717

■ 80.0306, 0.2861,
0.3069

■ 82.5472, 0.2863,
0.3116

Harmonies

Analogous

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



57.0138, 0.3804, 0.3707



57.0138, 0.3614, 0.3888



57.0138, 0.3298, 0.3906

Triad

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



57.0138, 0.3614, 0.3888



57.0138, 0.2494, 0.3081



57.0138, 0.3282, 0.2903

Complementary

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



57.0138, 0.3614, 0.3888



36.9626, 0.2626, 0.2610

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.



57.0138, 0.2928, 0.2749



57.0138, 0.3614, 0.3888



57.0138, 0.2489, 0.2833

Square

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



57.0138, 0.3614, 0.3888



57.0138, 0.2657, 0.3415



57.0138, 0.2643, 0.2720



57.0138, 0.3610, 0.3149

Rectangle

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



57.0138, 0.3614, 0.3888



57.0138, 0.3062, 0.3808



57.0138, 0.2643, 0.2720



57.0138, 0.3162, 0.2840

Sweetspot

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



57.0164, 0.3614, 0.3888



95.6297, 0.3266, 0.3467



38.1113, 0.3643, 0.3122



20.3224, 0.3290, 0.3497



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.



57.0164, 0.3614, 0.3888



83.9541, 0.3732, 0.4023



60.7397, 0.3430, 0.4065



14.0653, 0.3271, 0.3474



26.1527, 0.4608, 0.4723



1.6894, 0.4523, 0.4791

Inverse Universe

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



36.9626, 0.2626, 0.2610



48.5287, 0.2500, 0.2429



34.4339, 0.2755, 0.2462



12.4190, 0.2982, 0.3099



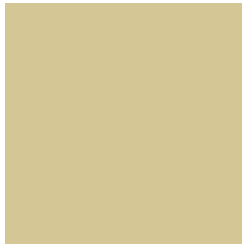
4.1481, 0.1560, 0.0815



0.3708, 0.1648, 0.1133

Previews

White Background



This preview shows how the Yxy color 57.0138, 0.3614, 0.3888 looks on a white background.

Color Contrast Check

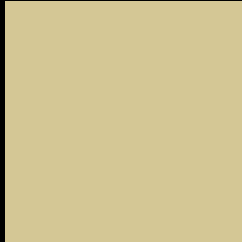
Large Text (above 18pt) WCAG AA × Fail

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 57.0138, 0.3614, 0.3888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

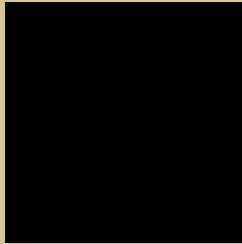
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

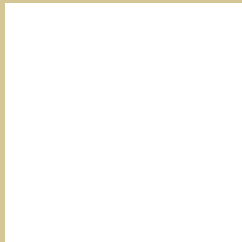
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0138, 0.3614, 0.3888

Background



This preview shows how black text looks on a background with the Yxy color 57.0138, 0.3614, 0.3888.



This preview shows how white text looks on a background with the Yxy color 57.0138, 0.3614, 0.3888.

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

57.0138, 0.3614, 0.3888

Protanopia

57.1629, 0.3622, 0.3886

Deuteranopia

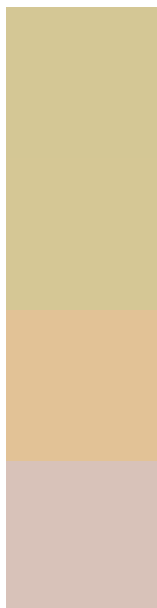
56.9884, 0.3817, 0.3741



Tritanopia

56.7779, 0.3241, 0.3120

Trichromacy



Original Color

57.0138, 0.3614, 0.3888

Protanomaly

57.1629, 0.3622, 0.3886

Deuteranomaly

56.9543, 0.3744, 0.3797

Tritanomaly

56.6853, 0.3377, 0.3396

Monochromacy



Original Color

57.0138, 0.3614, 0.3888

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2400, 0.3294, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0138, 0.3614, 0.3888 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(212, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 149)  
}
```

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(212, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 149) }
```

Border

The CSS property to change the border of an element to Yxy 57.0138, 0.3614, 0.3888 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(212, 199, 149) }
```

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

```
.border{ border-color:rgb(212, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0138, 0.3614, 0.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 149) }
```

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

```
.background{ background-color: rgb(212,  
199, 149) }
```

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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