

Converting Colors

$Yxy(57.0189, 0.3695, 0.3959)$

Have a look what the booklet for
Yxy(57.0189, 0.3695, 0.3959)
contains.

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Color

Yxy(57.2469, 0.3693, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	D7C78E
RGB	215, 199, 142
RGB Percent	84%, 78%, 56%
CMY	0.1568, 0.2196, 0.4431
CMYK	0.00, 0.07, 0.34, 0.16
HSL	47°, 48%, 70%
HSV	47°, 34%, 84%
XYZ	53.3332, 57.2469, 33.8369
YIQ	197.2860, 27.8330, -14.3350

Conversions

Conversions Part 2

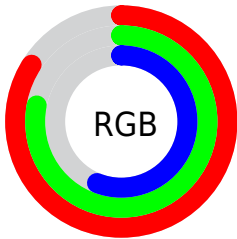
Format	Color
RYB	162, 215, 142
Decimal	14141326
CIELab	80.32, -2.76, 30.60
CIELCh	80, 30.721, 95.156
Yxy	57.2469, 0.3693, 0.3964
Android (android.graphics.Color)	4292331406 (0xFFD7C78E)
YUV	197.2860, -27.2560, 15.5352
Hunter-Lab	75.6617, -6.5850, 26.4479

Details

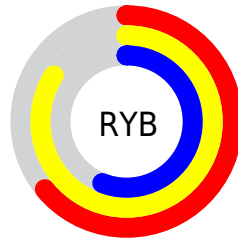
The Yxy color **57.2469, 0.3693, 0.3964** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1222, 0.2547, 0.2509**, and the grayscale version is **56.1748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **28.3771, 0.3831, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **54.5282, 0.3875, 0.4159**, and if you desaturate by 10%, it is **60.1627, 0.3515, 0.3762**.

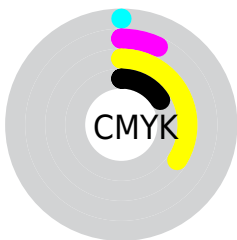
Distribution



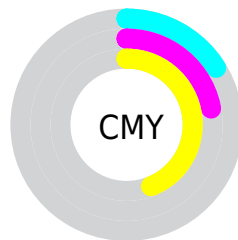
- Red (84%)
- Green (78%)
- Blue (56%)



- Red (64%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2469, 0.3693, 0.3964 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 57.2469, 0.3693, 0.3964 by changing the saturation by 10% instead.


 57.2469, 0.3693,
0.3964


 57.2469, 0.3693,
0.3964


414.3738, 0.3424,
0.3640

 41.2035, 0.3755,
0.4040


 100.8254, 0.3599,
0.3850

 28.4781, 0.3831,
0.4134


 129.1292, 0.3563,
0.3806

 18.6864, 0.3927,
0.4254


162.2887, 0.3531,
0.3768

 11.4439, 0.4049,
0.4409

200.6881, 0.3504,
0.3736

 6.3662, 0.4206,
0.4614

244.7120, 0.3481,
0.3707

 3.0690, 0.4501,
0.4995

294.7446, 0.3460,

 1.1679, 0.4689,

0.3682

0.5311

351.1704, 0.3441,
0.3660

0.0352, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2469, 0.3693,
0.3964

57.2469, 0.3693,
0.3964

54.5282, 0.3875,
0.4159

60.1627, 0.3515,
0.3762

51.9908, 0.4054,
0.4337

63.2749, 0.3345,
0.3561

49.6290, 0.4224,
0.4489

66.5929, 0.3186,
0.3365

47.4331, 0.4376,
0.4603

70.1229, 0.3040,
0.3179

45.3924, 0.4502,
0.4673

73.8710, 0.2907,
0.3004

43.4936, 0.4600,
0.4695

76.7674, 0.2877,
0.2999

42.4002, 0.4648,
0.4692

79.3868, 0.2879,
0.3050

82.0774, 0.2881,
0.3100

84.8398, 0.2883,
0.3149

Harmonies

Analogous

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



57.2469, 0.3903, 0.3746



57.2469, 0.3693, 0.3964



57.2469, 0.3337, 0.4000

Triad

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



57.2469, 0.3693, 0.3964



57.2469, 0.2415, 0.3064



57.2469, 0.3283, 0.2842

Complementary

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



57.2469, 0.3693, 0.3964



35.1222, 0.2547, 0.2509

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.



57.2469, 0.2881, 0.2675



57.2469, 0.3693, 0.3964



57.2469, 0.2402, 0.2779

Square

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



57.2469, 0.3693, 0.3964



57.2469, 0.2605, 0.3449



57.2469, 0.2566, 0.2647



57.2469, 0.3663, 0.3113

Rectangle

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



57.2469, 0.3693, 0.3964



57.2469, 0.3069, 0.3897



57.2469, 0.2566, 0.2647



57.2469, 0.3146, 0.2773

Sweetspot

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



57.2495, 0.3693, 0.3964



94.9487, 0.3283, 0.3484



36.3052, 0.3733, 0.3082



20.1764, 0.3305, 0.3512



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.



57.2495, 0.3693, 0.3964



81.2297, 0.3828, 0.4110



62.2338, 0.3480, 0.4178



14.0363, 0.3272, 0.3471



25.5206, 0.4639, 0.4698



1.6563, 0.4547, 0.4771

Inverse Universe

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



35.1222, 0.2547, 0.2509



43.7795, 0.2405, 0.2302



31.8859, 0.2679, 0.2325



12.4459, 0.2982, 0.3102



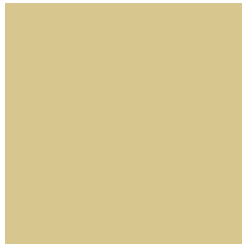
4.2871, 0.1566, 0.0838



0.3834, 0.1657, 0.1164

Previews

White Background



This preview shows how the Yxy color 57.2469, 0.3693, 0.3964 looks on a white background.

Color Contrast Check

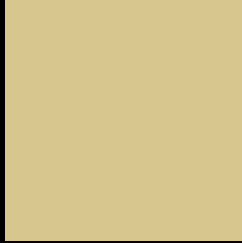
Large Text (above 18pt) WCAG AA × Fail

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 57.2469, 0.3693, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

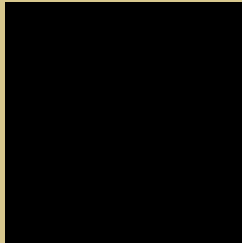
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2469, 0.3693, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 57.2469, 0.3693, 0.3964.



This preview shows how white text looks on a background with the Yxy color 57.2469, 0.3693, 0.3964.

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

57.2469, 0.3693, 0.3964

Protanopia

57.2469, 0.3693, 0.3964

Deuteranopia

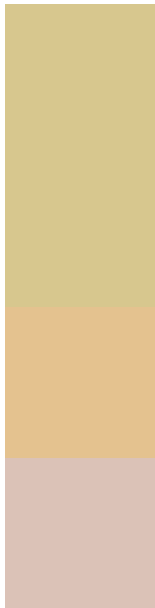
57.1081, 0.3891, 0.3815



Tritanopia

57.2474, 0.3265, 0.3121

Trichromacy



Original Color

57.2469, 0.3693, 0.3964

Protanomaly

57.2469, 0.3693, 0.3964

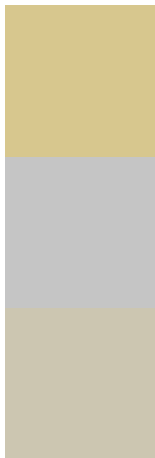
Deuteranomaly

57.0607, 0.3817, 0.3873

Tritanomaly

57.0625, 0.3418, 0.3419

Monochromacy



Original Color

57.2469, 0.3693, 0.3964

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3999, 0.3333, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2469, 0.3693, 0.3964 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(215, 199, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 142)  
}
```

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(215, 199, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 142) }
```

Border

The CSS property to change the border of an element to Yxy 57.2469, 0.3693, 0.3964 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(215, 199, 142) }
```

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

```
.border{ border-color:rgb(215, 199, 142) }
```

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

Here you see how a box with a 4 pixel rgb(215, 199, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 199, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 199, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 199,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2469, 0.3693, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 142) }
```

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

```
.background{ background-color: rgb(215,  
199, 142) }
```

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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