

Converting Colors

$Yxy(57.1244, 0.3677, 0.3954)$

Have a look what the booklet for
Yxy(57.1244, 0.3677, 0.3954)
contains.

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Color

Yxy(57.1262, 0.3677, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	D6C78F
RGB	214, 199, 143
RGB Percent	84%, 78%, 56%
CMY	0.1608, 0.2196, 0.4393
CMYK	0.00, 0.07, 0.33, 0.16
HSL	47°, 46%, 70%
HSV	47°, 33%, 84%
XYZ	53.1108, 57.1262, 34.2035
YIQ	197.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

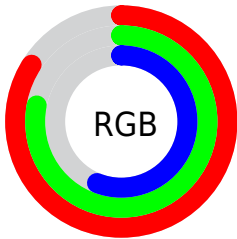
Format	Color
R _Y B	162, 214, 143
Decimal	14075791
CIE Lab	80.25, -3.04, 29.99
CIE LCh	80, 30.147, 95.793
Yxy	57.1262, 0.3677, 0.3955
Android (android.graphics.Color)	4292265871 (0xFFD6C78F)
YUV	197.1010, -26.6718, 14.8204
Hunter-Lab	75.5819, -6.8378, 26.0765

Details

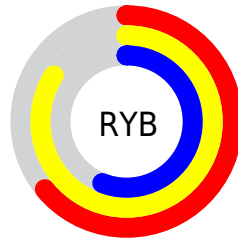
The Yxy color **57.1262, 0.3677, 0.3955** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1342, 0.2561, 0.2522**, and the grayscale version is **56.0511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **28.2926, 0.3810, 0.4121** is the 20% darker color. If you saturate the color by 10%, you get **54.4932, 0.3857, 0.4152**, and if you desaturate by 10%, it is **59.9498, 0.3501, 0.3751**.

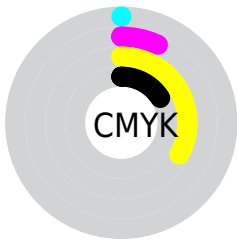
Distribution



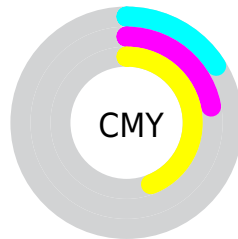
- Red (84%)
- Green (78%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (16%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1262, 0.3677, 0.3955 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 57.1262, 0.3677, 0.3955 by changing the saturation by 10% instead.

 57.1262, 0.3677,
0.3955


 57.1262, 0.3677,
0.3955


413.9220, 0.3416,
0.3635

 41.1066, 0.3737,
0.4030


 100.6493, 0.3586,
0.3842

 28.4024, 0.3812,
0.4124

 128.9216, 0.3550,
0.3799

 18.6292, 0.3905,
0.4243


162.0468, 0.3520,
0.3761

 11.4026, 0.4024,
0.4398

200.4095, 0.3494,
0.3729

 6.3383, 0.4179,
0.4604

244.3940, 0.3470,
0.3701

 3.0519, 0.4461,
0.4978

294.3846, 0.3450,

 1.1589, 0.4669,

0.3677

0.5331

350.7658, 0.3432,
0.3655

0.0277, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1262, 0.3677,
0.3955

57.1262, 0.3677,
0.3955

54.4932, 0.3857,
0.4152

59.9498, 0.3501,
0.3751

52.0355, 0.4035,
0.4334

62.9632, 0.3332,
0.3548

49.7472, 0.4203,
0.4489

66.1755, 0.3175,
0.3351

47.6193, 0.4353,
0.4608

69.5930, 0.3030,
0.3164

■ 45.6410, 0.4479,
0.4682

■ 73.2215, 0.2897,
0.2988

■ 43.7997, 0.4575,
0.4710

■ 75.9666, 0.2870,
0.2986

■ 42.6096, 0.4628,
0.4708

■ 78.4569, 0.2872,
0.3035

■ 81.0125, 0.2874,
0.3083

■ 83.6337, 0.2876,
0.3130

Harmonies

Analogous

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



57.1262, 0.3887, 0.3745



57.1262, 0.3677, 0.3955



57.1262, 0.3325, 0.3985

Triad

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



57.1262, 0.3677, 0.3955



57.1262, 0.2425, 0.3062



57.1262, 0.3289, 0.2855

Complementary

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



57.1262, 0.3677, 0.3955



35.1342, 0.2561, 0.2522

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.



57.1262, 0.2894, 0.2687



57.1262, 0.3677, 0.3955



57.1262, 0.2416, 0.2783

Square

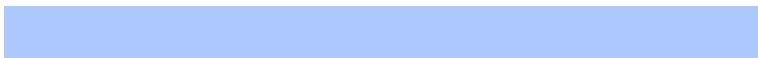
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.1262, 0.3677, 0.3955



57.1262, 0.2609, 0.3438



57.1262, 0.2581, 0.2657



57.1262, 0.3660, 0.3123

Rectangle

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



57.1262, 0.3677, 0.3955



57.1262, 0.3062, 0.3880



57.1262, 0.2581, 0.2657



57.1262, 0.3154, 0.2786

Sweetspot

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



57.1288, 0.3677, 0.3955



95.0793, 0.3282, 0.3486



36.4146, 0.3727, 0.3102



20.2081, 0.3305, 0.3515



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.



57.1288, 0.3677, 0.3955



82.1058, 0.3807, 0.4098



61.5270, 0.3463, 0.4160



14.0542, 0.3272, 0.3473



25.9110, 0.4620, 0.4714



1.6768, 0.4532, 0.4783

Inverse Universe

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



35.1342, 0.2561, 0.2522



44.4685, 0.2423, 0.2320



32.2895, 0.2701, 0.2352



12.4292, 0.2982, 0.3100



4.1998, 0.1562, 0.0823



0.3756, 0.1651, 0.1145

Previews

White Background



This preview shows how the Yxy color 57.1262, 0.3677, 0.3955 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 57.1262, 0.3677, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

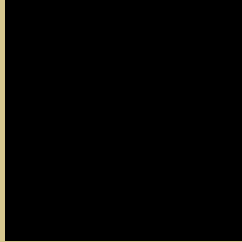
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1262, 0.3677, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 57.1262, 0.3677, 0.3955.



This preview shows how white text looks on a background with the Yxy color 57.1262, 0.3677, 0.3955.

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

57.1262, 0.3677, 0.3955

Protanopia

57.1262, 0.3677, 0.3955

Deuteranopia

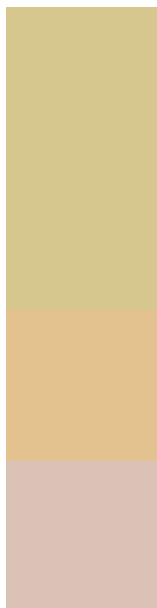
57.1388, 0.3883, 0.3804



Tritanopia

57.0900, 0.3257, 0.3120

Trichromacy



Original Color

57.1262, 0.3677, 0.3955

Protanomaly

57.1262, 0.3677, 0.3955

Deuteranomaly

57.0912, 0.3809, 0.3861

Tritanomaly

56.9079, 0.3410, 0.3419

Monochromacy



Original Color

57.1262, 0.3677, 0.3955

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2590, 0.3325, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1262, 0.3677, 0.3955 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(214, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 143)  
}
```

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(214, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 143) }
```

Border

The CSS property to change the border of an element to Yxy 57.1262, 0.3677, 0.3955 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(214, 199, 143) }
```

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

```
.border{ border-color:rgb(214, 199, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1262, 0.3677, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 143) }
```

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

```
.background{ background-color: rgb(214,  
199, 143) }
```

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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