

Converting Colors

Yxy(56.9651, 0.3590, 0.3620)

Have a look what the booklet for
Yxy(56.9651, 0.3590, 0.3620)
contains.

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Color

Yxy(57.0247, 0.3589, 0.3615)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFC2A6 |
| RGB | 223, 194, 166 |
| RGB Percent | 87%, 76%, 65% |
| CMY | 0.1254, 0.2392, 0.3490 |
| CMYK | 0.00, 0.13, 0.26, 0.13 |
| HSL | 29°, 47%, 76% |
| HSV | 29°, 26%, 87% |
| XYZ | 56.6146, 57.0247, 44.1054 |
| YIQ | 199.4790, 26.2720, -2.5600 |

Conversions

Conversions Part 2

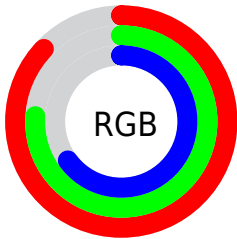
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 221, 166 |
| Decimal | 14664358 |
| CIE Lab | 80.19, 6.07, 17.87 |
| CIE LCh | 80, 18.871, 71.246 |
| Yxy | 57.0247, 0.3589, 0.3615 |
| Android (android.graphics.Color) | 4292854438 (0xFFDFC2A6) |
| YUV | 199.4790, -16.5051, 20.6279 |
| Hunter-Lab | 75.5147, 1.6735, 18.2311 |

Details

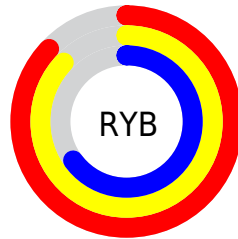
The Yxy color $57.0247, 0.3589, 0.3615$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $52.4927, 0.2722, 0.2941$, and the grayscale version is $57.5169, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8517, 0.3334, 0.3574$, and $28.1866, 0.3711, 0.3689$ is the 20% darker color. If you saturate the color by 10%, you get $51.4140, 0.3814, 0.3748$, and if you desaturate by 10%, it is $63.1691, 0.3390, 0.3483$.

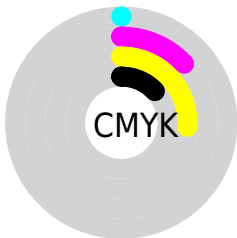
Distribution



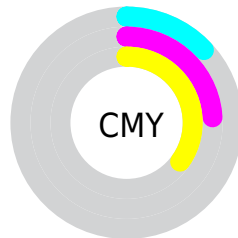
- Red (87%)
- Green (76%)
- Blue (65%)



- Red (87%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0247, 0.3589, 0.3615 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 57.0247, 0.3589, 0.3615 by changing the saturation by 10% instead.


 57.0247, 0.3589,
0.3615


 57.0247, 0.3589,
0.3615


413.5419, 0.3365,
0.3461

 41.0251, 0.3643,
0.3651


 100.5012, 0.3509,
0.3561

 28.3387, 0.3710,
0.3695


 128.7469, 0.3479,
0.3540

 18.5811, 0.3798,
0.3751


161.8434, 0.3453,
0.3522

 11.3680, 0.3916,
0.3825

200.1751, 0.3430,
0.3507

 6.3149, 0.4082,
0.3924

244.1264, 0.3411,
0.3493

 3.0375, 0.4330,
0.4063

294.0817, 0.3394,

 1.1513, 0.5265,

0.3481

0.4735

350.4254, 0.3379,
0.3471

0.0214, 0.8872,
0.1128

0.0000, 0.0000,
0.0000

57.0247, 0.3589,
0.3615

57.0247, 0.3589,
0.3615

51.4140, 0.3814,
0.3748

63.1691, 0.3390,
0.3483

46.3132, 0.4063,
0.3877

69.8545, 0.3215,
0.3357

41.7082, 0.4332,
0.3993

77.0978, 0.3062,
0.3238

37.5808, 0.4613,
0.4083

84.8984, 0.2931,
0.3131

■ 33.9114, 0.4890,
0.4136

■ 91.7761, 0.2934,
0.3247

■ 30.6786, 0.5147,
0.4139

■ 94.4332, 0.2935,
0.3289

■ 27.8576, 0.5365,
0.4087

■ 26.7246, 0.5453,
0.4053

Harmonies

Analogous

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



57.0247, 0.3609, 0.3433



57.0247, 0.3589, 0.3615



57.0247, 0.3442, 0.3719

Triad

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



57.0247, 0.3589, 0.3615



57.0247, 0.2770, 0.3343



57.0247, 0.3027, 0.2914

Complementary

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



57.0247, 0.3589, 0.3615



52.4927, 0.2722, 0.2941

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.



57.0247, 0.2811, 0.2881



57.0247, 0.3589, 0.3615



57.0247, 0.2668, 0.3116

Square

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



57.0247, 0.3589, 0.3615



57.0247, 0.2967, 0.3563



57.0247, 0.2683, 0.2950



57.0247, 0.3277, 0.3038

Rectangle

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



57.0247, 0.3589, 0.3615



57.0247, 0.3294, 0.3723



57.0247, 0.2683, 0.2950



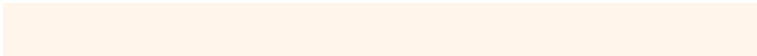
57.0247, 0.2948, 0.2892

Sweetspot

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



57.0273, 0.3589, 0.3615



92.3042, 0.3256, 0.3388



46.9324, 0.3394, 0.2951



19.4588, 0.3282, 0.3407



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.



57.0273, 0.3589, 0.3615



72.8607, 0.3713, 0.3691



70.7335, 0.3514, 0.3917



14.8055, 0.3280, 0.3405



15.9338, 0.5429, 0.4071



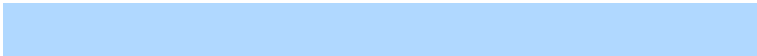
1.2834, 0.5189, 0.4262

Inverse Universe

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



52.4927, 0.2722, 0.2941



65.6642, 0.2629, 0.2851



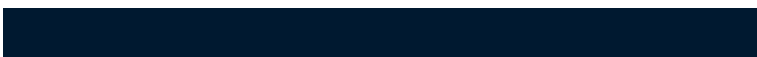
41.0625, 0.2689, 0.2576



14.3917, 0.2981, 0.3172



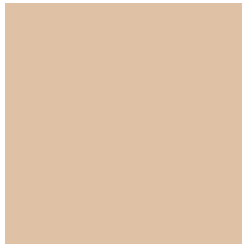
10.3799, 0.1782, 0.1615



0.8986, 0.1858, 0.1890

Previews

White Background



This preview shows how the Yxy color 57.0247, 0.3589, 0.3615 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 57.0247, 0.3589, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

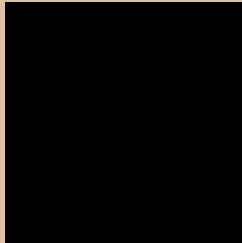
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0247, 0.3589, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 57.0247, 0.3589, 0.3615.



This preview shows how white text looks on a background with the Yxy color 57.0247, 0.3589, 0.3615.

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

57.0247, 0.3589, 0.3615

Protanopia

57.3756, 0.3450, 0.3661

Deuteranopia

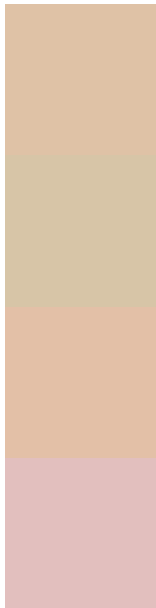
56.8746, 0.3649, 0.3564



Tritanopia

57.0379, 0.3333, 0.3134

Trichromacy



Original Color

57.0247, 0.3589, 0.3615

Protanomaly

57.1696, 0.3505, 0.3645

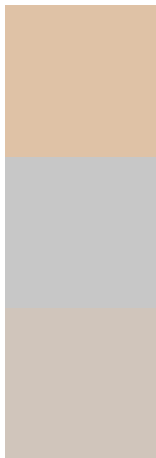
Deuteranomaly

56.8202, 0.3621, 0.3578

Tritanomaly

57.1481, 0.3426, 0.3302

Monochromacy



Original Color

57.0247, 0.3589, 0.3615

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9303, 0.3291, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0247, 0.3589, 0.3615 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(223, 194, 166)` looks like.

```
.text, #text, p{  
    color:rgb(223, 194, 166)  
}
```

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(223, 194, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 194, 166) }
```

Border

The CSS property to change the border of an element to Yxy 57.0247, 0.3589, 0.3615 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(223, 194, 166) }
```

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

```
.border{ border-color:rgb(223, 194, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 194, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 194, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 194, 166); box-shadow:4px 4px 4px 4px rgb(223, 194, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0247, 0.3589, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 194, 166) }
```

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

```
.background{ background-color: rgb(223,  
194, 166) }
```

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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