

Converting Colors

$Y_{xy}(57.1776, 0.3598, 0.3710)$

Have a look what the booklet for
Yxy(57.1776, 0.3598, 0.3710)
contains.

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Color

Yxy(57.0780, 0.3597, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	DBC4A0
RGB	219, 196, 160
RGB Percent	86%, 77%, 63%
CMY	0.1412, 0.2313, 0.3726
CMYK	0.00, 0.10, 0.27, 0.14
HSL	37°, 45%, 74%
HSV	37°, 27%, 86%
XYZ	55.2948, 57.0780, 41.3520
YIQ	198.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

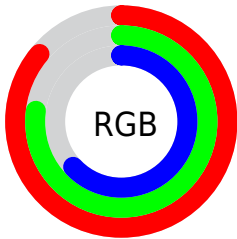
Format	Color
R _{YB}	198, 219, 160
Decimal	14402720
CIE Lab	80.22, 2.64, 21.07
CIE LCh	80, 21.232, 82.848
Yxy	57.0780, 0.3597, 0.3713
Android (android.graphics.Color)	4292592800 (0xFFDBC4A0)
YUV	198.7730, -19.1151, 17.7391
Hunter-Lab	75.5500, -1.5689, 20.4329

Details

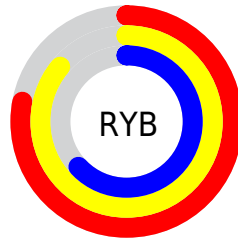
The Yxy color **57.0780, 0.3597, 0.3713** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4370, 0.2691, 0.2827**, and the grayscale version is **57.0747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4169, 0.3366, 0.3662**, and **28.2152, 0.3720, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **52.6416, 0.3804, 0.3875**, and if you desaturate by 10%, it is **61.8733, 0.3407, 0.3551**.

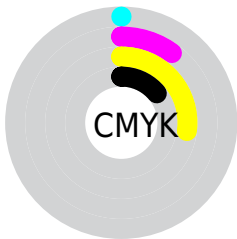
Distribution



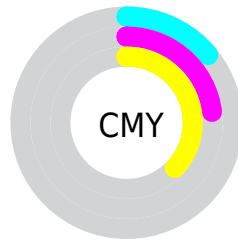
- Red (86%)
- Green (77%)
- Blue (63%)



- Red (78%)
- Yellow (86%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0780, 0.3597, 0.3713 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 57.0780, 0.3597, 0.3713 by changing the saturation by 10% instead.


 57.0780, 0.3597,
0.3713

 57.0780, 0.3597,
0.3713


413.7415, 0.3370,
0.3511

 41.0679, 0.3651,
0.3760

 100.5790, 0.3517,
0.3642

 28.3721, 0.3718,
0.3819


 128.8386, 0.3486,
0.3614

 18.6064, 0.3806,
0.3895


161.9502, 0.3459,
0.3591

 11.3862, 0.3921,
0.3994

200.2982, 0.3437,
0.3571

 6.3272, 0.4082,
0.4128

244.2669, 0.3417,
0.3553

 3.0451, 0.4315,
0.4317

294.2408, 0.3400,

 1.1553, 0.5046,

0.3537

0.4954

350.6042, 0.3384,
0.3523

0.0247, 0.7807,
0.2193

0.0000, 0.0000,
0.0000

57.0780, 0.3597,
0.3713

57.0780, 0.3597,
0.3713

52.6416, 0.3804,
0.3875

61.8733, 0.3407,
0.3551

48.5457, 0.4026,
0.4031

67.0297, 0.3235,
0.3394

44.7814, 0.4256,
0.4171

72.5595, 0.3082,
0.3246

41.3363, 0.4485,
0.4282

78.4717, 0.2946,
0.3107

■ 38.1969, 0.4702,
0.4355

■ 83.8073, 0.2906,
0.3121

■ 35.3478, 0.4895,
0.4377

■ 88.9096, 0.2909,
0.3210

■ 32.7701, 0.5054,
0.4348

■ 93.7984, 0.2911,
0.3289

■ 32.0282, 0.5100,
0.4333

Harmonies

Analogous

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



57.0780, 0.3680, 0.3534



57.0780, 0.3597, 0.3713



57.0780, 0.3387, 0.3785

Triad

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



57.0780, 0.3597, 0.3713



57.0780, 0.2668, 0.3245



57.0780, 0.3122, 0.2913

Complementary

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



57.0780, 0.3597, 0.3713



46.4370, 0.2691, 0.2827

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.



57.0780, 0.2857, 0.2833



57.0780, 0.3597, 0.3713



57.0780, 0.2604, 0.3010

Square

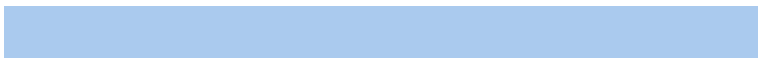
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0780, 0.3597, 0.3713



57.0780, 0.2852, 0.3508



57.0780, 0.2671, 0.2865



57.0780, 0.3399, 0.3082

Rectangle

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



57.0780, 0.3597, 0.3713



57.0780, 0.3207, 0.3753



57.0780, 0.2671, 0.2865



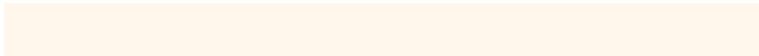
57.0780, 0.3028, 0.2875

Sweetspot

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



57.0806, 0.3597, 0.3713



93.7906, 0.3254, 0.3411



43.6375, 0.3477, 0.3011



19.8333, 0.3279, 0.3435



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.



57.0806, 0.3597, 0.3713



77.1871, 0.3706, 0.3800



67.3545, 0.3486, 0.3971



14.3681, 0.3276, 0.3433



19.2118, 0.5082, 0.4347



1.4102, 0.4899, 0.4492

Inverse Universe

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



46.4370, 0.2691, 0.2827



59.8975, 0.2599, 0.2719



38.3441, 0.2707, 0.2529



13.4447, 0.2981, 0.3143



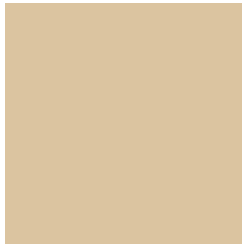
7.1099, 0.1678, 0.1240



0.6250, 0.1769, 0.1567

Previews

White Background



This preview shows how the Yxy color 57.0780, 0.3597, 0.3713 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 57.0780, 0.3597, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

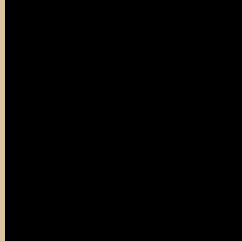
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0780, 0.3597, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 57.0780, 0.3597, 0.3713.



This preview shows how white text looks on a background with the Yxy color 57.0780, 0.3597, 0.3713.

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

57.0780, 0.3597, 0.3713

Protanopia

57.2689, 0.3513, 0.3745

Deuteranopia

56.8237, 0.3708, 0.3632



Tritanopia

57.0820, 0.3291, 0.3122

Trichromacy



Original Color

57.0780, 0.3597, 0.3713

Protanomaly

57.2575, 0.3541, 0.3730

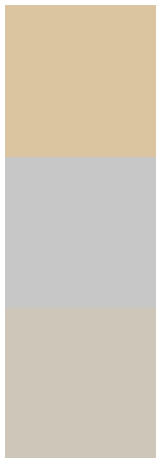
Deuteranomaly

57.0440, 0.3667, 0.3658

Tritanomaly

56.9030, 0.3399, 0.3325

Monochromacy



Original Color

57.0780, 0.3597, 0.3713

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0128, 0.3288, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0780, 0.3597, 0.3713 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(219, 196, 160)` looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 160)  
}
```

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(219, 196, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 160) }
```

Border

The CSS property to change the border of an element to Yxy 57.0780, 0.3597, 0.3713 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(219, 196, 160) }
```

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

```
.border{ border-color:rgb(219, 196, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 196, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 160);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0780, 0.3597, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 196, 160) }
```

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

```
.background{ background-color: rgb(219,  
196, 160) }
```

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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