

Converting Colors

$Yxy(57.5306, 0.3594, 0.3724)$

Have a look what the booklet for
Yxy(57.5306, 0.3594, 0.3724)
contains.

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Color

Yxy(57.5306, 0.3594, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	DBC5A0
RGB	219, 197, 160
RGB Percent	86%, 77%, 63%
CMY	0.1412, 0.2274, 0.3726
CMYK	0.00, 0.10, 0.27, 0.14
HSL	38°, 45%, 74%
HSV	38°, 27%, 86%
XYZ	55.5223, 57.5306, 41.4332
YIQ	199.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

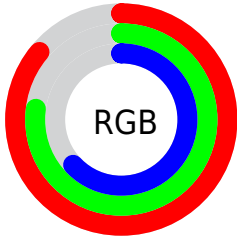
Format	Color
RYB	195, 219, 160
Decimal	14402976
CIELab	80.48, 2.12, 21.41
CIELCh	80, 21.514, 84.341
Yxy	57.5306, 0.3594, 0.3724
Android (android.graphics.Color)	4292593056 (0xFFDBC5A0)
YUV	199.3600, -19.4045, 17.2243
Hunter-Lab	75.8489, -2.0716, 20.7066

Details

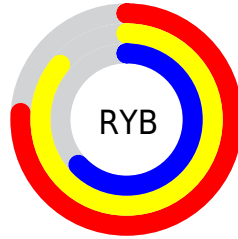
The Yxy color **57.5306, 0.3594, 0.3724** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.0338, 0.2690, 0.2814**, and the grayscale version is **57.4555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0499, 0.3365, 0.3672**, and **28.5142, 0.3715, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **53.2269, 0.3799, 0.3890**, and if you desaturate by 10%, it is **62.1751, 0.3406, 0.3558**.

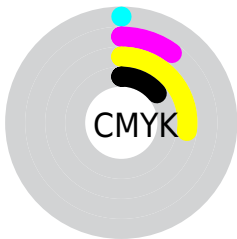
Distribution



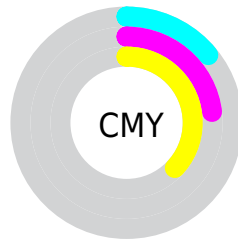
- Red (86%)
- Green (77%)
- Blue (63%)



- Red (76%)
- 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 57.5306, 0.3594, 0.3724 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 57.5306, 0.3594, 0.3724 by changing the saturation by 10% instead.

 57.5306, 0.3594,
0.3724


 57.5306, 0.3594,
0.3724


415.4346, 0.3369,
0.3517

 41.4314, 0.3647,
0.3773


 101.2390, 0.3514,
0.3651

 28.6563, 0.3714,
0.3833


 129.6170, 0.3484,
0.3623

 18.8210, 0.3800,
0.3910


162.8566, 0.3458,
0.3599

 11.5410, 0.3914,
0.4012

201.3424, 0.3435,
0.3578

 6.4320, 0.4071,
0.4150

245.4587, 0.3416,
0.3560

 3.1095, 0.4298,
0.4344

295.5899, 0.3398,

 1.1892, 0.5011,

0.3544

0.4989

352.1204, 0.3383,
0.3530

0.0528, 0.6588,
0.3412

0.0000, 0.0000,
0.0000

57.5306, 0.3594,
0.3724

57.5306, 0.3594,
0.3724

53.2269, 0.3799,
0.3890

62.1751, 0.3406,
0.3558

49.2460, 0.4016,
0.4050

67.1623, 0.3235,
0.3397

45.5794, 0.4241,
0.4193

72.5038, 0.3082,
0.3244

42.2155, 0.4463,
0.4308

78.2084, 0.2946,
0.3102

■ 39.1411, 0.4672,
0.4383

■ 83.3156, 0.2906,
0.3112

■ 36.3413, 0.4857,
0.4410

■ 88.1701, 0.2908,
0.3197

■ 33.7978, 0.5008,
0.4384

■ 93.2427, 0.2911,
0.3281

■ 33.0623, 0.5052,
0.4371

■ 93.7986, 0.2911,
0.3289

Harmonies

Analogous

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



57.5306, 0.3685, 0.3547



57.5306, 0.3594, 0.3724



57.5306, 0.3377, 0.3790

Triad

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



57.5306, 0.3594, 0.3724



57.5306, 0.2657, 0.3231



57.5306, 0.3136, 0.2916

Complementary

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



57.5306, 0.3594, 0.3724



46.0338, 0.2690, 0.2814

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.



57.5306, 0.2866, 0.2830



57.5306, 0.3594, 0.3724



57.5306, 0.2599, 0.2997

Square

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



57.5306, 0.3594, 0.3724



57.5306, 0.2837, 0.3498



57.5306, 0.2673, 0.2856



57.5306, 0.3415, 0.3090

Rectangle

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



57.5306, 0.3594, 0.3724



57.5306, 0.3194, 0.3753



57.5306, 0.2673, 0.2856



57.5306, 0.3041, 0.2876

Sweetspot

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



57.5332, 0.3594, 0.3724



94.0008, 0.3253, 0.3415



43.6015, 0.3486, 0.3023



19.8864, 0.3278, 0.3439



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.



57.5332, 0.3594, 0.3724



77.9247, 0.3701, 0.3813



67.2093, 0.3479, 0.3972



14.4059, 0.3276, 0.3436



19.8226, 0.5035, 0.4384



1.4474, 0.4862, 0.4521

Inverse Universe

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



46.0338, 0.2690, 0.2814



59.2427, 0.2597, 0.2703



38.4564, 0.2715, 0.2530



13.4080, 0.2981, 0.3139



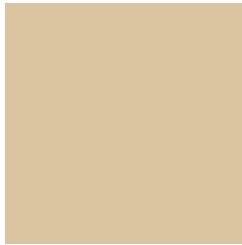
6.7685, 0.1665, 0.1192



0.6006, 0.1756, 0.1521

Previews

White Background



This preview shows how the Yxy color 57.5306, 0.3594, 0.3724 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 57.5306, 0.3594, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

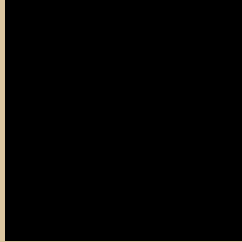
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5306, 0.3594, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 57.5306, 0.3594, 0.3724.



This preview shows how white text looks on a background with the Yxy color 57.5306, 0.3594, 0.3724.

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

57.5306, 0.3594, 0.3724

Protanopia

57.4171, 0.3521, 0.3743

Deuteranopia

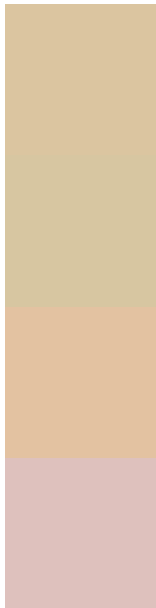
57.4283, 0.3713, 0.3641



Tritanopia

57.5651, 0.3282, 0.3122

Trichromacy



Original Color

57.5306, 0.3594, 0.3724

Protanomaly

57.4084, 0.3549, 0.3728

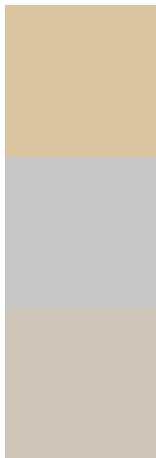
Deuteranomaly

57.4877, 0.3664, 0.3669

Tritanomaly

57.3436, 0.3397, 0.3337

Monochromacy



Original Color

57.5306, 0.3594, 0.3724

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 57.5306, 0.3594, 0.3724 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, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 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, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 160) }
```

Border

The CSS property to change the border of an element to Yxy 57.5306, 0.3594, 0.3724 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, 197, 160) }
```

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

```
.border{ border-color:rgb(219, 197, 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, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5306, 0.3594, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 160) }
```

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

```
.background{ background-color: rgb(219,  
197, 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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