

Converting Colors

Yxy(57.0185, 0.3456, 0.3684)

Have a look what the booklet for
Yxy(57.0185, 0.3456, 0.3684)
contains.

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Color

Yxy(57.1553, 0.3457, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7A6
RGB	209, 199, 166
RGB Percent	82%, 78%, 65%
CMY	0.1804, 0.2196, 0.3489
CMYK	0.00, 0.05, 0.21, 0.18
HSL	46°, 32%, 74%
HSV	46°, 21%, 82%
XYZ	53.6044, 57.1553, 44.3008
YIQ	198.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

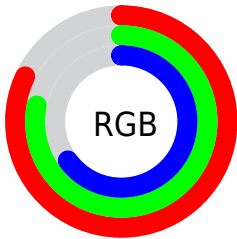
Format	Color
RYB	179, 209, 166
Decimal	13748134
CIELab	80.27, -1.84, 17.78
CIELCh	80, 17.873, 95.913
Yxy	57.1553, 0.3457, 0.3686
Android (android.graphics.Color)	4291938214 (0xFFD1C7A6)
YUV	198.2280, -15.8884, 9.4470
Hunter-Lab	75.6011, -5.7379, 18.1780

Details

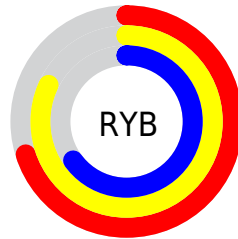
The Yxy color **57.1553, 0.3457, 0.3686** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7820, 0.2794, 0.2860**, and the grayscale version is **56.7119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **28.3357, 0.3540, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **54.2481, 0.3634, 0.3885**, and if you desaturate by 10%, it is **60.2638, 0.3290, 0.3489**.

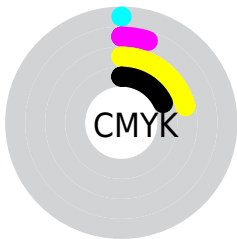
Distribution



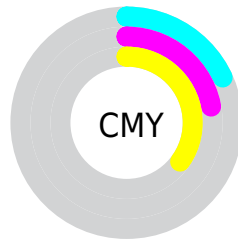
- Red (82%)
- Green (78%)
- Blue (65%)



- Red (70%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1553, 0.3457, 0.3686 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 57.1553, 0.3457, 0.3686 by changing the saturation by 10% instead.


 57.1553, 0.3457,
0.3686


 57.1553, 0.3457,
0.3686


414.0310, 0.3298,
0.3494

 41.1299, 0.3495,
0.3732


 100.6918, 0.3401,
0.3618

 28.4206, 0.3542,
0.3790


 128.9716, 0.3379,
0.3592

 18.6430, 0.3602,
0.3864


162.1052, 0.3361,
0.3570

 11.4126, 0.3683,
0.3965

200.4767, 0.3345,
0.3550

 6.3451, 0.3796,
0.4106

244.4706, 0.3331,
0.3534

 3.0560, 0.3960,
0.4317

294.4714, 0.3319,

 1.1610, 0.4750,

0.3519

0.5250

350.8634, 0.3308,
0.3506

0.0295, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.1553, 0.3457,
0.3686

57.1553, 0.3457,
0.3686

54.2481, 0.3634,
0.3885

60.2638, 0.3290,
0.3489

51.5281, 0.3817,
0.4080

63.5724, 0.3135,
0.3300

48.9904, 0.4001,
0.4263

67.0893, 0.2994,
0.3121

46.6273, 0.4179,
0.4422

70.8203, 0.2866,
0.2954

■ 44.4303, 0.4343,
0.4549

■ 73.7290, 0.2837,
0.2953

■ 42.3894, 0.4484,
0.4633

■ 76.3720, 0.2840,
0.3006

■ 40.4932, 0.4597,
0.4669

■ 79.0904, 0.2842,
0.3058

■ 38.8165, 0.4680,
0.4666

■ 81.8848, 0.2845,
0.3111

■ 84.7558, 0.2848,
0.3162

Harmonies

Analogous

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



57.1553, 0.3577, 0.3572



57.1553, 0.3457, 0.3686



57.1553, 0.3250, 0.3692

Triad

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



57.1553, 0.3457, 0.3686



57.1553, 0.2701, 0.3162



57.1553, 0.3228, 0.3025

Complementary

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



57.1553, 0.3457, 0.3686



43.7820, 0.2794, 0.2860

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.



57.1553, 0.2992, 0.2921



57.1553, 0.3457, 0.3686



57.1553, 0.2695, 0.2991

Square

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



57.1553, 0.3457, 0.3686



57.1553, 0.2817, 0.3380



57.1553, 0.2799, 0.2906



57.1553, 0.3443, 0.3194

Rectangle

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



57.1553, 0.3457, 0.3686



57.1553, 0.3093, 0.3629



57.1553, 0.2799, 0.2906



57.1553, 0.3148, 0.2982

Sweetspot

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



57.1579, 0.3457, 0.3686



96.8016, 0.3219, 0.3403



43.9794, 0.3442, 0.3168



20.6465, 0.3229, 0.3416



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.



57.1579, 0.3457, 0.3686



87.4454, 0.3540, 0.3780



60.3021, 0.3343, 0.3814



13.3115, 0.3272, 0.3467



24.0886, 0.4671, 0.4673



1.4631, 0.4566, 0.4757

Inverse Universe

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



43.7820, 0.2794, 0.2860



62.5161, 0.2710, 0.2746



41.2955, 0.2880, 0.2740



11.8580, 0.2982, 0.3106



4.3016, 0.1574, 0.0865



0.3649, 0.1673, 0.1221

Previews

White Background



This preview shows how the Yxy color 57.1553, 0.3457, 0.3686 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 57.1553, 0.3457, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

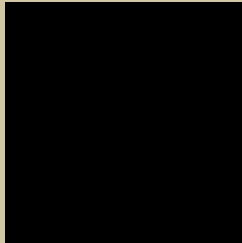
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

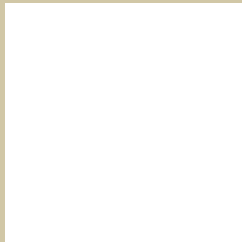
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1553, 0.3457, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 57.1553, 0.3457, 0.3686.



This preview shows how white text looks on a background with the Yxy color 57.1553, 0.3457, 0.3686.

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

57.1553, 0.3457, 0.3686

Protanopia

57.3017, 0.3466, 0.3685

Deuteranopia

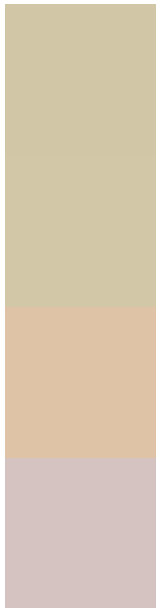
57.1844, 0.3630, 0.3564



Tritanopia

56.9901, 0.3183, 0.3118

Trichromacy



Original Color

57.1553, 0.3457, 0.3686

Protanomaly

57.3017, 0.3466, 0.3685

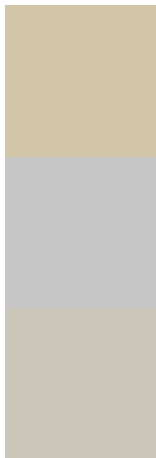
Deuteranomaly

57.3498, 0.3569, 0.3616

Tritanomaly

56.8775, 0.3280, 0.3314

Monochromacy



Original Color

57.1553, 0.3457, 0.3686

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4899, 0.3248, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1553, 0.3457, 0.3686 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(209, 199, 166)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 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(209, 199, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 166) }
```

Border

The CSS property to change the border of an element to Yxy 57.1553, 0.3457, 0.3686 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(209, 199, 166) }
```

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

```
.border{ border-color:rgb(209, 199, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 166);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1553, 0.3457, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 166) }
```

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

```
.background{ background-color: rgb(209,  
199, 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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