

Converting Colors

Yxy(57.4006, 0.3315, 0.3543)

Have a look what the booklet for
Yxy(57.4006, 0.3315, 0.3543)
contains.

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Color

Yxy(57.4006, 0.3315, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	CCC8B3
RGB	204, 200, 179
RGB Percent	80%, 78%, 70%
CMY	0.1997, 0.2157, 0.2980
CMYK	0.00, 0.02, 0.12, 0.20
HSL	50°, 20%, 75%
HSV	50°, 12%, 80%
XYZ	53.7067, 57.4006, 50.9039
YIQ	198.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

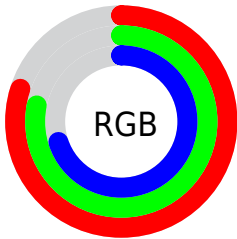
Format	Color
RYB	184, 204, 179
Decimal	13420723
CIELab	80.40, -2.17, 10.99
CIELCh	80, 11.202, 101.176
Yxy	57.4006, 0.3315, 0.3543
Android (android.graphics.Color)	4291610803 (0xFFCCC8B3)
YUV	198.8020, -9.7624, 4.5586
Hunter-Lab	75.7632, -6.0511, 13.1983

Details

The Yxy color **57.4006, 0.3315, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8542, 0.2935, 0.3024**, and the grayscale version is **57.0493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **28.5482, 0.3369, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **55.1150, 0.3478, 0.3756**, and if you desaturate by 10%, it is **59.8470, 0.3161, 0.3336**.

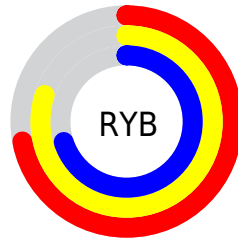
Distribution



Red (80%)

Green (78%)

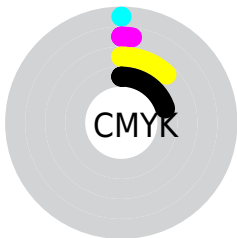
Blue (70%)



Red (72%)

Yellow (80%)

Blue (70%)

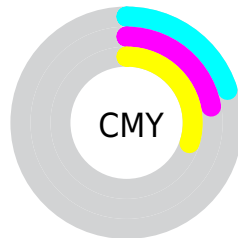


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (20%)



Cyan (20%)


Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4006, 0.3315, 0.3543 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 57.4006, 0.3315, 0.3543 by changing the saturation by 10% instead.

 57.4006, 0.3315,
0.3543

 57.4006, 0.3315,
0.3543


414.9487, 0.3225,
0.3420

 41.3270, 0.3337,
0.3573

 101.0495, 0.3283,
0.3499

 28.5747, 0.3364,
0.3610


129.3935, 0.3271,
0.3483

 18.7593, 0.3399,
0.3658


162.5964, 0.3260,
0.3468

 11.4965, 0.3446,
0.3724

201.0427, 0.3251,
0.3456

 6.4018, 0.3512,
0.3819

245.1167, 0.3243,
0.3445

 3.0909, 0.3613,
0.3964

295.2027, 0.3236,

 1.1794, 0.3885,

0.3436

0.4331

351.6853, 0.3230,
0.3428

0.0448, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4006, 0.3315,
0.3543

57.4006, 0.3315,
0.3543

55.1150, 0.3478,
0.3756

59.8470, 0.3161,
0.3336

52.9769, 0.3647,
0.3971

62.4517, 0.3017,
0.3139

50.9830, 0.3818,
0.4178

65.2222, 0.2886,
0.2954

49.1268, 0.3984,
0.4369

67.7946, 0.2799,
0.2839

■ 47.4012, 0.4138,
0.4534

■ 69.4865, 0.2801,
0.2876

■ 45.7984, 0.4274,
0.4663

■ 71.2129, 0.2803,
0.2913

■ 44.3094, 0.4385,
0.4749

■ 72.9739, 0.2806,
0.2949

■ 42.9235, 0.4467,
0.4790

■ 74.7698, 0.2808,
0.2986

■ 41.9087, 0.4515,
0.4797

■ 76.6008, 0.2810,
0.3022

Harmonies

Analogous

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



57.4006, 0.3400, 0.3486



57.4006, 0.3315, 0.3543



57.4006, 0.3180, 0.3531

Triad

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



57.4006, 0.3315, 0.3543



57.4006, 0.2852, 0.3191



57.4006, 0.3217, 0.3138

Complementary

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



57.4006, 0.3315, 0.3543



47.8542, 0.2935, 0.3024

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.



57.4006, 0.3069, 0.3063



57.4006, 0.3315, 0.3543



57.4006, 0.2861, 0.3090

Square

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



57.4006, 0.3315, 0.3543



57.4006, 0.2915, 0.3323



57.4006, 0.2939, 0.3044



57.4006, 0.3343, 0.3252

Rectangle

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



57.4006, 0.3315, 0.3543



57.4006, 0.3082, 0.3483



57.4006, 0.2939, 0.3044



57.4006, 0.3168, 0.3108

Sweetspot

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



57.4031, 0.3315, 0.3543



98.3051, 0.3187, 0.3372



48.5196, 0.3312, 0.3239



20.9742, 0.3199, 0.3388



0.0000, 0.0000, 0.0000



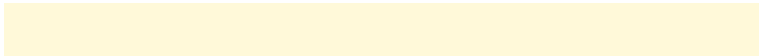
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4031, 0.3315, 0.3543



93.8666, 0.3362, 0.3605



58.1689, 0.3242, 0.3597



12.7735, 0.3270, 0.3483



26.4750, 0.4510, 0.4801



1.4510, 0.4438, 0.4858

Inverse Universe

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



47.8542, 0.2935, 0.3024



74.6976, 0.2886, 0.2954



47.2199, 0.3002, 0.2977



11.1342, 0.2982, 0.3090



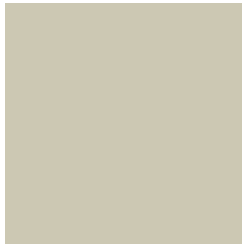
3.5275, 0.1542, 0.0750



0.2768, 0.1631, 0.1071

Previews

White Background



This preview shows how the Yxy color 57.4006, 0.3315, 0.3543 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 57.4006, 0.3315, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

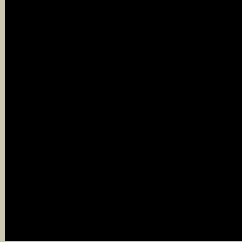
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

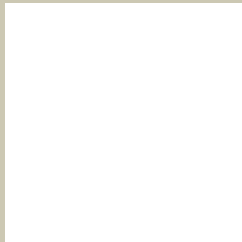
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4006, 0.3315, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 57.4006, 0.3315, 0.3543.



This preview shows how white text looks on a background with the Yxy color 57.4006, 0.3315, 0.3543.

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

57.4006, 0.3315, 0.3543

Protanopia

57.4711, 0.3357, 0.3541

Deuteranopia

57.2042, 0.3497, 0.3417



Tritanopia

57.1433, 0.3112, 0.3104

Trichromacy



Original Color

57.4006, 0.3315, 0.3543

Protanomaly

57.3266, 0.3348, 0.3542

Deuteranomaly

57.2309, 0.3431, 0.3466

Tritanomaly

57.3214, 0.3192, 0.3267

Monochromacy



Original Color

57.4006, 0.3315, 0.3543

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0701, 0.3194, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4006, 0.3315, 0.3543 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(204, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 179)  
}
```

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(204, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 179) }
```

Border

The CSS property to change the border of an element to Yxy 57.4006, 0.3315, 0.3543 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(204, 200, 179) }
```

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

```
.border{ border-color:rgb(204, 200, 179) }
```

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

Here you see how a box with a 4 pixel rgb(204, 200, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4006, 0.3315, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 179) }
```

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

```
.background{ background-color: rgb(204,  
200, 179) }
```

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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