

Converting Colors

$Yxy(57.8250, 0.3321, 0.3567)$

Have a look what the booklet for
Yxy(57.8250, 0.3321, 0.3567)
contains.

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Color

Yxy(57.8250, 0.3321, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9B2
RGB	204, 201, 178
RGB Percent	80%, 79%, 70%
CMY	0.1998, 0.2118, 0.3019
CMYK	0.00, 0.02, 0.13, 0.20
HSL	53°, 20%, 75%
HSV	53°, 13%, 80%
XYZ	53.8371, 57.8250, 50.4489
YIQ	199.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

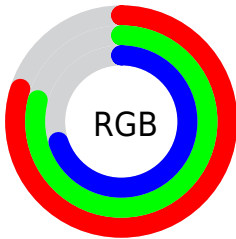
Format	Color
RYB	181, 204, 178
Decimal	13420978
CIELab	80.64, -2.86, 11.86
CIELCh	81, 12.202, 103.550
Yxy	57.8250, 0.3321, 0.3567
Android (android.graphics.Color)	4291611058 (0xFFCCC9B2)
YUV	199.2750, -10.4886, 4.1438
Hunter-Lab	76.0428, -6.6996, 13.8952

Details

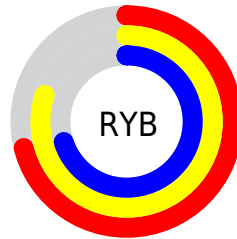
The Yxy color $57.8250, 0.3321, 0.3567$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.9112, 0.2927, 0.2997$, and the grayscale version is $57.3580, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $28.8321, 0.3377, 0.3645$ is the 20% darker color. If you saturate the color by 10%, you get $55.9543, 0.3481, 0.3791$, and if you desaturate by 10%, it is $59.8403, 0.3168, 0.3349$.

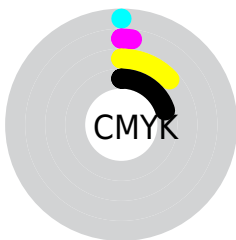
Distribution



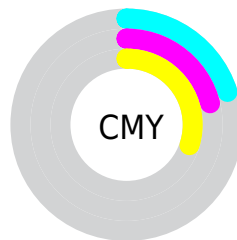
- Red (80%)
- Green (79%)
- Blue (70%)



- Red (71%)
- Yellow (80%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8250, 0.3321, 0.3567 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 57.8250, 0.3321, 0.3567 by changing the saturation by 10% instead.

■ 57.8250, 0.3321,
0.3567

■ 57.8250, 0.3321,
0.3567

416.5335, 0.3228,
0.3433

■ 41.6680, 0.3343,
0.3599

■ 101.6680, 0.3288,
0.3519

■ 28.8414, 0.3371,
0.3640

130.1227, 0.3275,
0.3501

■ 18.9609, 0.3407,
0.3693

163.4455, 0.3265,
0.3485

■ 11.6420, 0.3455,
0.3765

202.0207, 0.3255,
0.3472

■ 6.5004, 0.3522,
0.3868

246.2327, 0.3247,
0.3460

■ 3.1517, 0.3623,
0.4027

296.4659, 0.3240,

■ 1.2114, 0.3907,

0.3450

0.4434

353.1047, 0.3234,
0.3441

■ 0.0710, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8250, 0.3321,
0.3567

■ 57.8250, 0.3321,
0.3567

■ 55.9543, 0.3481,
0.3791

■ 59.8403, 0.3168,
0.3349

■ 54.2152, 0.3645,
0.4014

■ 61.9977, 0.3024,
0.3140

■ 52.6043, 0.3807,
0.4229

■ 64.3045, 0.2891,
0.2945

■ 51.1153, 0.3962,
0.4426

■ 66.4632, 0.2797,
0.2809

■ 49.7413, 0.4103,
0.4595

■ 67.6653, 0.2799,
0.2836

■ 48.4745, 0.4223,
0.4728

■ 68.8855, 0.2800,
0.2863

■ 47.3058, 0.4317,
0.4817

■ 70.1237, 0.2802,
0.2890

■ 46.2247, 0.4384,
0.4862

■ 71.3800, 0.2804,
0.2916

■ 45.4833, 0.4419,
0.4874

■ 72.6546, 0.2805,
0.2943

Harmonies

Analogous

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



57.8250, 0.3419, 0.3509



57.8250, 0.3321, 0.3567



57.8250, 0.3172, 0.3548

Triad

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



57.8250, 0.3321, 0.3567



57.8250, 0.2826, 0.3171



57.8250, 0.3237, 0.3134

Complementary

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



57.8250, 0.3321, 0.3567



46.9112, 0.2927, 0.2997

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.



57.8250, 0.3076, 0.3048



57.8250, 0.3321, 0.3567



57.8250, 0.2842, 0.3066

Square

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



57.8250, 0.3321, 0.3567



57.8250, 0.2888, 0.3314



57.8250, 0.2932, 0.3023



57.8250, 0.3371, 0.3260

Rectangle

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



57.8250, 0.3321, 0.3567



57.8250, 0.3065, 0.3492



57.8250, 0.2932, 0.3023



57.8250, 0.3184, 0.3100

Sweetspot

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



57.8275, 0.3321, 0.3567



98.5951, 0.3187, 0.3376



48.0475, 0.3328, 0.3248



21.0478, 0.3199, 0.3393



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.



57.8275, 0.3321, 0.3567



94.9316, 0.3359, 0.3621



57.9654, 0.3240, 0.3610



12.8619, 0.3268, 0.3493



28.6988, 0.4415, 0.4876



1.5460, 0.4366, 0.4915

Inverse Universe

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



46.9112, 0.2927, 0.2997



73.7848, 0.2885, 0.2936



46.8441, 0.3004, 0.2965



11.0536, 0.2982, 0.3079



3.2287, 0.1526, 0.0694



0.2395, 0.1597, 0.0950

Previews

White Background



This preview shows how the Yxy color 57.8250, 0.3321, 0.3567 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 57.8250, 0.3321, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

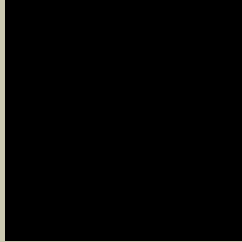
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

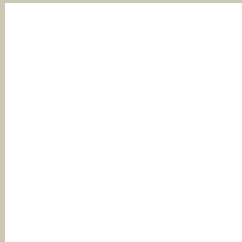
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8250, 0.3321, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 57.8250, 0.3321, 0.3567.



This preview shows how white text looks on a background with the Yxy color 57.8250, 0.3321, 0.3567.

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

57.8250, 0.3321, 0.3567

Protanopia

57.5765, 0.3372, 0.3553

Deuteranopia

57.7661, 0.3512, 0.3439



Tritanopia

57.7886, 0.3112, 0.3105

Trichromacy



Original Color

57.8250, 0.3321, 0.3567

Protanomaly

57.7483, 0.3354, 0.3566

Deuteranomaly

57.7946, 0.3446, 0.3488

Tritanomaly

57.8237, 0.3184, 0.3267

Monochromacy



Original Color

57.8250, 0.3321, 0.3567

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4876, 0.3201, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8250, 0.3321, 0.3567 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, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 178)  
}
```

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, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 178) }
```

Border

The CSS property to change the border of an element to Yxy 57.8250, 0.3321, 0.3567 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, 201, 178) }
```

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

```
.border{ border-color:rgb(204, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8250, 0.3321, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 178) }
```

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

```
.background{ background-color: rgb(204,  
201, 178) }
```

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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