

Converting Colors

$Yxy(57.7988, 0.3513, 0.3901)$

Have a look what the booklet for
Yxy(57.7988, 0.3513, 0.3901)
contains.

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Color

Yxy(57.9580, 0.3520, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	CDCB98
RGB	205, 203, 152
RGB Percent	80%, 80%, 60%
CMY	0.1960, 0.2039, 0.4039
CMYK	0.00, 0.01, 0.26, 0.20
HSL	58°, 35%, 70%
HSV	58°, 26%, 80%
XYZ	52.2037, 57.9580, 38.1443
YIQ	197.7840, 17.5630, -15.4370

Conversions

Conversions Part 2

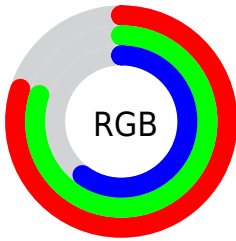
Format	Color
RYB	154, 205, 152
Decimal	13487000
CIELab	80.72, -7.40, 25.76
CIELCh	81, 26.804, 106.037
Yxy	57.9580, 0.3520, 0.3908
Android (android.graphics.Color)	4291677080 (0xFFCDCB98)
YUV	197.7840, -22.5715, 6.3284
Hunter-Lab	76.1302, -10.8273, 23.5844

Details

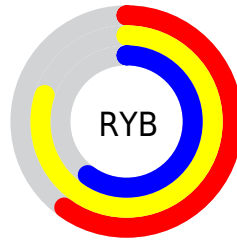
The Yxy color **57.9580, 0.3520, 0.3908** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.2037, 0.2687, 0.2587**, and the grayscale version is **56.4684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **28.9185, 0.3609, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **56.9787, 0.3673, 0.4145**, and if you desaturate by 10%, it is **59.0605, 0.3365, 0.3666**.

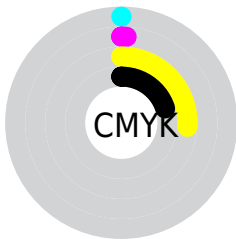
Distribution



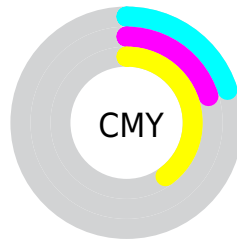
- Red (80%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9580, 0.3520, 0.3908 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 57.9580, 0.3520, 0.3908 by changing the saturation by 10% instead.


 57.9580, 0.3520,
0.3908


 57.9580, 0.3520,
0.3908


417.0294, 0.3335,
0.3607

 41.7749, 0.3563,
0.3980

 101.8617, 0.3455,
0.3801

 28.9251, 0.3615,
0.4071


 130.3511, 0.3430,
0.3760

 19.0241, 0.3681,
0.4188


163.7113, 0.3409,
0.3725

 11.6877, 0.3765,
0.4344

202.3268, 0.3390,
0.3695

 6.5314, 0.3875,
0.4562

246.5820, 0.3374,
0.3669

 3.1708, 0.4030,
0.4895

296.8612, 0.3359,

 1.2216, 0.4378,

0.3646

0.5622

353.5489, 0.3346,
0.3625

■ 0.0792, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9580, 0.3520,
0.3908

■ 57.9580, 0.3520,
0.3908

■ 56.9787, 0.3673,
0.4145

■ 59.0605, 0.3365,
0.3666

■ 56.1087, 0.3818,
0.4369

■ 60.2839, 0.3213,
0.3427

■ 55.3443, 0.3950,
0.4568

■ 61.6360, 0.3068,
0.3196

■ 54.6781, 0.4063,
0.4735

■ 63.1217, 0.2931,
0.2977

■ 54.1021, 0.4152,
0.4862

■ 64.7456, 0.2803,
0.2774

■ 53.6069, 0.4214,
0.4946

■ 65.1550, 0.2801,
0.2777

■ 53.1807, 0.4250,
0.4988

■ 65.5352, 0.2802,
0.2786

■ 53.0150, 0.4261,
0.4998

■ 65.9172, 0.2802,
0.2795

■ 66.3010, 0.2803,
0.2804

Harmonies

Analogous

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



57.9580, 0.3756, 0.3774



57.9580, 0.3520, 0.3908



57.9580, 0.3186, 0.3864

Triad

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



57.9580, 0.3520, 0.3908



57.9580, 0.2481, 0.2993



57.9580, 0.3392, 0.2976

Complementary

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



57.9580, 0.3520, 0.3908



34.2037, 0.2687, 0.2587

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.



57.9580, 0.3037, 0.2790



57.9580, 0.3520, 0.3908



57.9580, 0.2527, 0.2786

Square

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



57.9580, 0.3520, 0.3908



57.9580, 0.2595, 0.3305



57.9580, 0.2725, 0.2719



57.9580, 0.3685, 0.3238

Rectangle

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



57.9580, 0.3520, 0.3908



57.9580, 0.2955, 0.3729



57.9580, 0.2725, 0.2719



57.9580, 0.3275, 0.2903

Sweetspot

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



57.9606, 0.3520, 0.3908



98.2613, 0.3247, 0.3480



37.7957, 0.3646, 0.3258



20.9653, 0.3270, 0.3516



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.



57.9606, 0.3520, 0.3908



94.0106, 0.3605, 0.4041



55.7805, 0.3319, 0.3973



13.0207, 0.3267, 0.3511



33.0314, 0.4260, 0.4999



1.7273, 0.4246, 0.5011

Inverse Universe

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



34.2037, 0.2687, 0.2587



48.6663, 0.2577, 0.2409



36.0818, 0.2890, 0.2599



10.9112, 0.2982, 0.3060



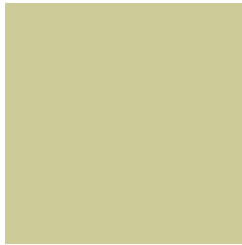
2.8808, 0.1508, 0.0627



0.1731, 0.1533, 0.0718

Previews

White Background



This preview shows how the Yxy color 57.9580, 0.3520, 0.3908 looks on a white background.

Color Contrast Check

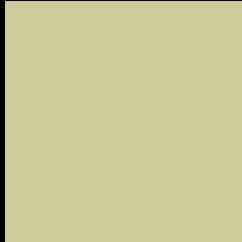
Large Text (above 18pt) WCAG AA × Fail

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 57.9580, 0.3520, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

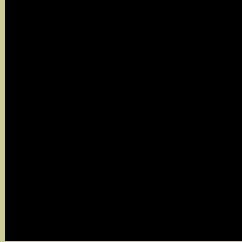
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

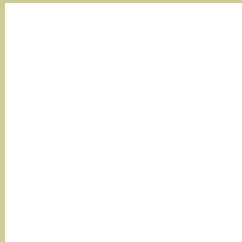
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9580, 0.3520, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 57.9580, 0.3520, 0.3908.



This preview shows how white text looks on a background with the Yxy color 57.9580, 0.3520, 0.3908.

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

57.9580, 0.3520, 0.3908

Protanopia

57.8391, 0.3612, 0.3871

Deuteranopia

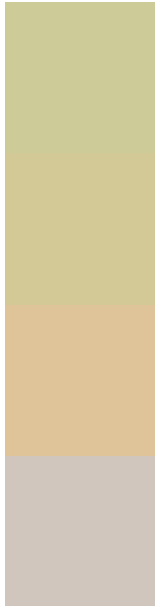
57.6945, 0.3797, 0.3716



Tritanopia

57.7304, 0.3144, 0.3106

Trichromacy



Original Color

57.9580, 0.3520, 0.3908

Protanomaly

57.8565, 0.3584, 0.3887

Deuteranomaly

57.6271, 0.3696, 0.3787

Tritanomaly

57.6612, 0.3275, 0.3385

Monochromacy



Original Color

57.9580, 0.3520, 0.3908

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.0623, 0.3275, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9580, 0.3520, 0.3908 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(205, 203, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 152)  
}
```

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(205, 203, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 152) }
```

Border

The CSS property to change the border of an element to Yxy 57.9580, 0.3520, 0.3908 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(205, 203, 152) }
```

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

```
.border{ border-color:rgb(205, 203, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 203, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9580, 0.3520, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 203, 152) }
```

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

```
.background{ background-color: rgb(205,  
203, 152) }
```

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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