

Converting Colors

$Yxy(57.5619, 0.3133, 0.3516)$

Have a look what the booklet for
Yxy(57.5619, 0.3133, 0.3516)
contains.

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Color

Yxy(57.4223, 0.3132, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	BCCCBA
RGB	188, 204, 186
RGB Percent	74%, 80%, 73%
CMY	0.2627, 0.2000, 0.2706
CMYK	0.08, 0.00, 0.09, 0.20
HSL	113°, 15%, 76%
HSV	113°, 9%, 80%
XYZ	51.1946, 57.4223, 54.8397
YIQ	197.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

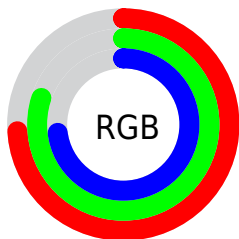
Format	Color
RYB	186, 204, 202
Decimal	12373178
CIELab	80.42, -8.77, 7.11
CIELCh	80, 11.291, 140.977
Yxy	57.4223, 0.3132, 0.3513
Android (android.graphics.Color)	4290563258 (0xFFBCCCBA)
YUV	197.1640, -5.5039, -8.0368
Hunter-Lab	75.7775, -12.0176, 10.1365

Details

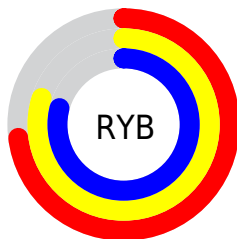
The Yxy color **57.4223, 0.3132, 0.3513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0358, 0.3121, 0.3075**, and the grayscale version is **55.9759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1639, 0.3134, 0.3417**, and **28.6570, 0.3134, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **54.4576, 0.3136, 0.3796**, and if you desaturate by 10%, it is **60.8052, 0.3126, 0.3262**.

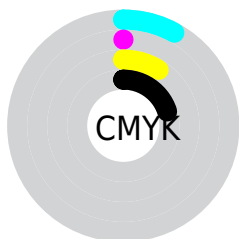
Distribution



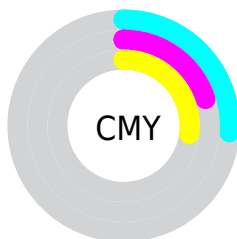
- Red (74%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (80%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4223, 0.3132, 0.3513 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 57.4223, 0.3132, 0.3513 by changing the saturation by 10% instead.

■ 57.4223, 0.3132,
0.3513

■ 57.4223, 0.3132,
0.3513

415.0298, 0.3130,
0.3404

■ 41.3444, 0.3132,
0.3540

■ 101.0811, 0.3132,
0.3474

■ 28.5883, 0.3132,
0.3573

129.4308, 0.3131,
0.3459

■ 18.7696, 0.3132,
0.3618

162.6399, 0.3131,
0.3446

■ 11.5039, 0.3132,
0.3679

201.0927, 0.3131,
0.3435

■ 6.4068, 0.3130,
0.3767

245.1738, 0.3131,
0.3426

■ 3.0940, 0.3126,
0.3908

295.2674, 0.3131,

■ 1.1810, 0.3127,

0.3418

0.4185

351.7579, 0.3131,
0.3410

0.0461, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4223, 0.3132,
0.3513

57.4223, 0.3132,
0.3513

54.4576, 0.3136,
0.3796

60.8052, 0.3126,
0.3262

51.8879, 0.3137,
0.4108

64.6141, 0.3120,
0.3042

49.6986, 0.3134,
0.4444

68.8656, 0.3112,
0.2851

47.8716, 0.3127,
0.4791

71.6682, 0.3151,
0.2792

■ 46.3873, 0.3115,
0.5131

■ 45.2240, 0.3097,
0.5440

■ 44.3577, 0.3075,
0.5693

■ 43.7609, 0.3050,
0.5870

■ 43.3973, 0.3027,
0.5971

Harmonies

Analogous

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



57.4223, 0.3276, 0.3549



57.4223, 0.3132, 0.3513



57.4223, 0.2989, 0.3413

Triad

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



57.4223, 0.3132, 0.3513



57.4223, 0.2877, 0.3066



57.4223, 0.3375, 0.3294

Complementary

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



57.4223, 0.3132, 0.3513



52.0358, 0.3121, 0.3075

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.



57.4223, 0.3264, 0.3172



57.4223, 0.3132, 0.3513



57.4223, 0.2976, 0.3041

Square

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



57.4223, 0.3132, 0.3513



57.4223, 0.2844, 0.3152



57.4223, 0.3117, 0.3080



57.4223, 0.3419, 0.3418

Rectangle

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



57.4223, 0.3132, 0.3513



57.4223, 0.2914, 0.3324



57.4223, 0.3117, 0.3080



57.4223, 0.3344, 0.3251

Sweetspot

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



57.4248, 0.3132, 0.3513



98.2499, 0.3129, 0.3364



58.5797, 0.3260, 0.3480



20.9318, 0.3129, 0.3384



0.0000, 0.0000, 0.0000



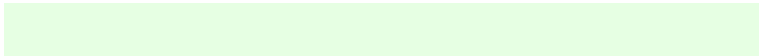
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4248, 0.3132, 0.3513



93.8968, 0.3133, 0.3576



57.4734, 0.3068, 0.3427



12.5956, 0.3132, 0.3528



27.3141, 0.3030, 0.5976



1.4297, 0.3117, 0.5907

Inverse Universe

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



52.0358, 0.3121, 0.3075



82.8051, 0.3119, 0.3017



51.9925, 0.3191, 0.3157



11.3381, 0.3120, 0.3060



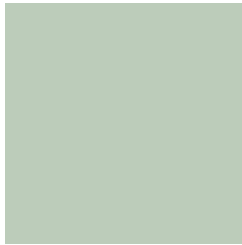
8.9796, 0.2933, 0.1389



0.4817, 0.2990, 0.1421

Previews

White Background



This preview shows how the Yxy color 57.4223, 0.3132, 0.3513 looks on a white background.

Color Contrast Check

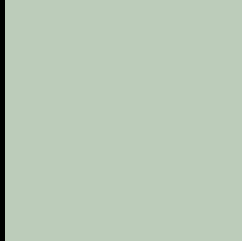
Large Text (above 18pt) WCAG AA × Fail

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 57.4223, 0.3132, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

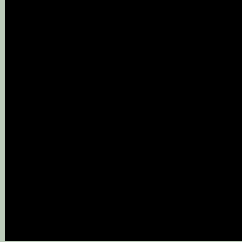
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

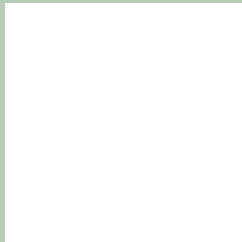
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4223, 0.3132, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 57.4223, 0.3132, 0.3513.



This preview shows how white text looks on a background with the Yxy color 57.4223, 0.3132, 0.3513.

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

57.4223, 0.3132, 0.3513

Protanopia

57.5311, 0.3310, 0.3481

Deuteranopia

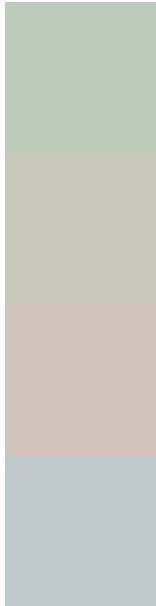
57.0181, 0.3415, 0.3337



Tritanopia

57.5523, 0.2969, 0.3111

Trichromacy



Original Color

57.4223, 0.3132, 0.3513

Protanomaly

57.5133, 0.3243, 0.3496

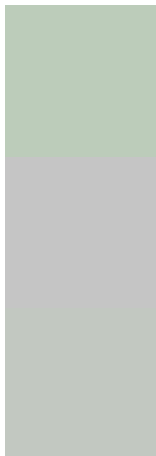
Deuteranomaly

56.7693, 0.3308, 0.3397

Tritanomaly

57.2093, 0.3030, 0.3253

Monochromacy



Original Color

57.4223, 0.3132, 0.3513

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6281, 0.3131, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4223, 0.3132, 0.3513 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(188, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 186)  
}
```

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(188, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 186) }
```

Border

The CSS property to change the border of an element to Yxy 57.4223, 0.3132, 0.3513 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(188, 204, 186) }
```

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

```
.border{ border-color:rgb(188, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4223, 0.3132, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 186) }
```

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

```
.background{ background-color: rgb(188,  
204, 186) }
```

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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