

Converting Colors

$Yxy(55.9978, 0.3317, 0.3767)$

Have a look what the booklet for
Yxy(55.9978, 0.3317, 0.3767)
contains.

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Color

Yxy(55.9978, 0.3317, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	BFCAA4
RGB	191, 202, 164
RGB Percent	75%, 79%, 64%
CMY	0.2510, 0.2078, 0.3567
CMYK	0.05, 0.00, 0.19, 0.21
HSL	77°, 26%, 72%
HSV	77°, 19%, 79%
XYZ	49.3084, 55.9978, 43.3474
YIQ	194.3790, 5.6420, -14.1500

Conversions

Conversions Part 2

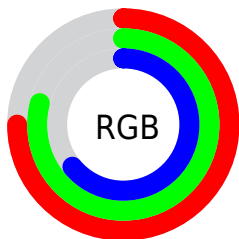
Format	Color
RYB	164, 202, 175
Decimal	12569252
CIELab	79.61, -10.37, 17.72
CIElCh	80, 20.529, 120.325
Yxy	55.9978, 0.3317, 0.3767
Android (android.graphics.Color)	4290759332 (0xFFBFCAA4)
YUV	194.3790, -14.9768, -2.9634
Hunter-Lab	74.8317, -13.3375, 18.0375

Details

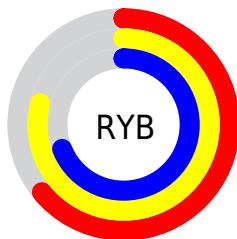
The Yxy color **55.9978, 0.3317, 0.3767** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9469, 0.2912, 0.2794**, and the grayscale version is **54.2750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5909, 0.3294, 0.3646**, and **27.6680, 0.3361, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **54.5829, 0.3416, 0.4038**, and if you desaturate by 10%, it is **57.5639, 0.3216, 0.3507**.

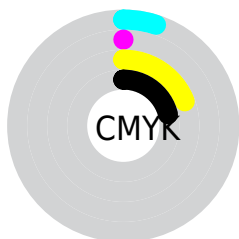
Distribution



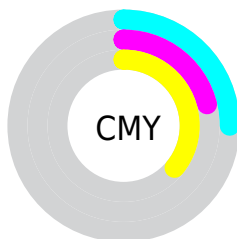
- Red (75%)
- Green (79%)
- Blue (64%)



- Red (64%)
- Yellow (79%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9978, 0.3317, 0.3767 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 55.9978, 0.3317, 0.3767 by changing the saturation by 10% instead.


 55.9978, 0.3317,
0.3767

 55.9978, 0.3317,
0.3767


409.6832, 0.3228,
0.3531

 40.2012, 0.3338,
0.3825


 99.0014, 0.3286,
0.3682

 27.6954, 0.3363,
0.3899


 126.9771, 0.3274,
0.3650

 18.0962, 0.3395,
0.3995


159.7813, 0.3263,
0.3623

 11.0191, 0.3437,
0.4128

197.7983, 0.3254,
0.3599

 6.0797, 0.3491,
0.4321

241.4127, 0.3246,
0.3579

 2.8936, 0.3563,
0.4624

291.0086, 0.3239,

 1.0764, 0.4133,

0.3561

0.5867

346.9707, 0.3233,
0.3545

0.0000, 0.0000,
0.0000

55.9978, 0.3317,
0.3767

55.9978, 0.3317,
0.3767

54.5829, 0.3416,
0.4038

57.5639, 0.3216,
0.3507

53.3060, 0.3509,
0.4311

59.2794, 0.3115,
0.3261

52.1634, 0.3591,
0.4578

61.1517, 0.3018,
0.3034

51.1482, 0.3657,
0.4827

63.1857, 0.2926,
0.2826

50.2529, 0.3702,
0.5047

64.7228, 0.2902,
0.2731

■ 49.4691, 0.3722,
0.5226

■ 65.6544, 0.2943,
0.2738

■ 48.7866, 0.3717,
0.5358

■ 66.6184, 0.2985,
0.2745

■ 48.1897, 0.3690,
0.5445

■ 67.6151, 0.3027,
0.2752

■ 48.1210, 0.3687,
0.5455

■ 68.6448, 0.3069,
0.2758

Harmonies

Analogous

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



55.9978, 0.3543, 0.3731



55.9978, 0.3317, 0.3767



55.9978, 0.3047, 0.3660

Triad

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



55.9978, 0.3317, 0.3767



55.9978, 0.2622, 0.2973



55.9978, 0.3451, 0.3139

Complementary

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



55.9978, 0.3317, 0.3767



39.9469, 0.2912, 0.2794

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.



55.9978, 0.3191, 0.2957



55.9978, 0.3317, 0.3767



55.9978, 0.2718, 0.2857

Square

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



55.9978, 0.3317, 0.3767



55.9978, 0.2653, 0.3184



55.9978, 0.2923, 0.2855



55.9978, 0.3626, 0.3362

Rectangle

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



55.9978, 0.3317, 0.3767



55.9978, 0.2878, 0.3522



55.9978, 0.2923, 0.2855



55.9978, 0.3371, 0.3071

Sweetspot

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



56.0003, 0.3317, 0.3767



98.2217, 0.3188, 0.3438



45.8181, 0.3467, 0.3427



20.9833, 0.3195, 0.3455



0.0000, 0.0000, 0.0000



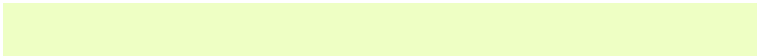
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0003, 0.3317, 0.3767



93.6974, 0.3362, 0.3888



53.7249, 0.3167, 0.3790



12.9270, 0.3222, 0.3522



31.0113, 0.3694, 0.5449



1.6374, 0.3795, 0.5369

Inverse Universe

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



39.9469, 0.2912, 0.2794



61.0575, 0.2851, 0.2661



42.2677, 0.3075, 0.2818



10.9989, 0.3027, 0.3054



3.3739, 0.1697, 0.0708



0.2133, 0.1914, 0.0828

Previews

White Background



This preview shows how the Yxy color 55.9978, 0.3317, 0.3767 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 55.9978, 0.3317, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

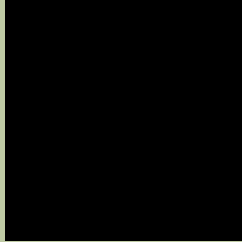
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

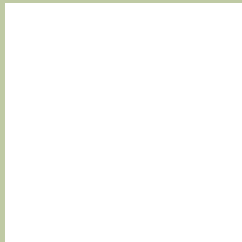
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9978, 0.3317, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 55.9978, 0.3317, 0.3767.



This preview shows how white text looks on a background with the Yxy color 55.9978, 0.3317, 0.3767.

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

55.9978, 0.3317, 0.3767

Protanopia

56.0610, 0.3501, 0.3725

Deuteranopia

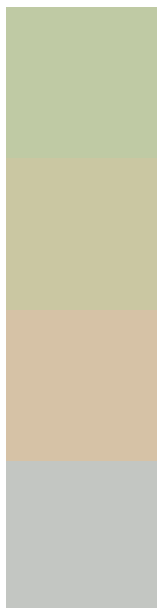
55.9478, 0.3626, 0.3555



Tritanopia

56.1888, 0.3034, 0.3112

Trichromacy



Original Color

55.9978, 0.3317, 0.3767

Protanomaly

56.0120, 0.3429, 0.3744

Deuteranomaly

55.6329, 0.3512, 0.3624

Tritanomaly

55.8853, 0.3133, 0.3339

Monochromacy



Original Color

55.9978, 0.3317, 0.3767

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6889, 0.3199, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9978, 0.3317, 0.3767 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(191, 202, 164)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 164)  
}
```

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(191, 202, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 164) }
```

Border

The CSS property to change the border of an element to Yxy 55.9978, 0.3317, 0.3767 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(191, 202, 164) }
```

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

```
.border{ border-color:rgb(191, 202, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 202, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 202, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 202, 164); box-shadow:4px 4px 4px 4px rgb(191, 202, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9978, 0.3317, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 164) }
```

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

```
.background{ background-color: rgb(191,  
202, 164) }
```

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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