

Converting Colors

$Yxy(56.7958, 0.3219, 0.3658)$

Have a look what the booklet for
Yxy(56.7958, 0.3219, 0.3658)
contains.

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Color

Yxy(56.9331, 0.3218, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	BCCCAE
RGB	188, 204, 174
RGB Percent	74%, 80%, 68%
CMY	0.2626, 0.2000, 0.3177
CMYK	0.08, 0.00, 0.15, 0.20
HSL	92°, 23%, 74%
HSV	92°, 15%, 80%
XYZ	49.9756, 56.9331, 48.3916
YIQ	195.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

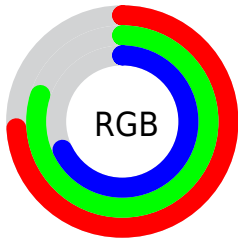
Format	Color
RYB	174, 204, 190
Decimal	12373166
CIELab	80.14, -10.84, 13.13
CIELCh	80, 17.032, 129.542
Yxy	56.9331, 0.3218, 0.3666
Android (android.graphics.Color)	4290563246 (0xFFBCCCAE)
YUV	195.7960, -10.7454, -6.8371
Hunter-Lab	75.4540, -13.8182, 14.7929

Details

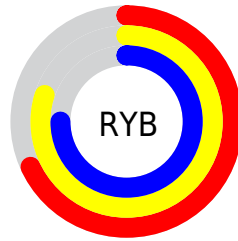
The Yxy color **56.9331, 0.3218, 0.3666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5678, 0.3024, 0.2916**, and the grayscale version is **55.1420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4663, 0.3203, 0.3537**, and **28.3687, 0.3238, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **54.8719, 0.3277, 0.3947**, and if you desaturate by 10%, it is **59.2238, 0.3156, 0.3405**.

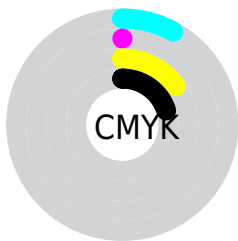
Distribution



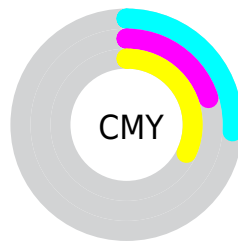
- Red (74%)
- Green (80%)
- Blue (68%)



- Red (68%)
- Yellow (80%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9331, 0.3218, 0.3666 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 56.9331, 0.3218, 0.3666 by changing the saturation by 10% instead.

■ 56.9331, 0.3218,
0.3666

■ 56.9331, 0.3218,
0.3666

413.1986, 0.3176,
0.3481

■ 40.9515, 0.3228,
0.3711

■ 100.3676, 0.3203,
0.3599

■ 28.2812, 0.3239,
0.3769

128.5893, 0.3198,
0.3574

■ 18.5378, 0.3254,
0.3846

161.6598, 0.3193,
0.3553

■ 11.3367, 0.3272,
0.3950

199.9635, 0.3189,
0.3534

■ 6.2938, 0.3296,
0.4103

243.8849, 0.3185,
0.3518

■ 3.0246, 0.3327,
0.4346

293.8082, 0.3182,

■ 1.1446, 0.3564,

0.3504

0.5084

350.1180, 0.3179,
0.3492

0.0157, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9331, 0.3218,
0.3666

56.9331, 0.3218,
0.3666

54.8719, 0.3277,
0.3947

59.2238, 0.3156,
0.3405

53.0251, 0.3332,
0.4244

61.7438, 0.3095,
0.3167

51.3870, 0.3377,
0.4547

64.5026, 0.3035,
0.2952

49.9487, 0.3409,
0.4845

67.4690, 0.2981,
0.2765

■ 48.7008, 0.3424,
0.5123

■ 69.3364, 0.3059,
0.2777

■ 47.6327, 0.3419,
0.5365

■ 71.3179, 0.3137,
0.2789

■ 46.7325, 0.3393,
0.5558

■ 71.6652, 0.3151,
0.2792

■ 45.9863, 0.3347,
0.5692

■ 45.6420, 0.3319,
0.5747

Harmonies

Analogous

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



56.9331, 0.3422, 0.3675



56.9331, 0.3218, 0.3666



56.9331, 0.2995, 0.3545

Triad

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



56.9331, 0.3218, 0.3666



56.9331, 0.2721, 0.2990



56.9331, 0.3449, 0.3221

Complementary

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



56.9331, 0.3218, 0.3666



45.5678, 0.3024, 0.2916

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.



56.9331, 0.3251, 0.3053



56.9331, 0.3218, 0.3666



56.9331, 0.2833, 0.2920

Square

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



56.9331, 0.3218, 0.3666



56.9331, 0.2714, 0.3145



56.9331, 0.3025, 0.2945



56.9331, 0.3559, 0.3410

Rectangle

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



56.9331, 0.3218, 0.3666



56.9331, 0.2866, 0.3420



56.9331, 0.3025, 0.2945



56.9331, 0.3390, 0.3160

Sweetspot

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



56.9356, 0.3218, 0.3666



98.3454, 0.3152, 0.3389



52.5001, 0.3371, 0.3481



20.9849, 0.3157, 0.3408



0.0000, 0.0000, 0.0000



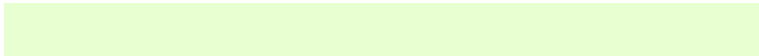
21.4041, 0.3127, 0.3290

Same Dimension

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



56.9356, 0.3218, 0.3666



93.0467, 0.3239, 0.3763



55.2572, 0.3105, 0.3672



12.7899, 0.3185, 0.3525



28.7824, 0.3329, 0.5739



1.5299, 0.3483, 0.5617

Inverse Universe

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



45.5678, 0.3024, 0.2916



70.2821, 0.2996, 0.2821



47.4395, 0.3148, 0.2936



11.1329, 0.3064, 0.3056



4.8285, 0.2095, 0.0928



0.2940, 0.2303, 0.1042

Previews

White Background



This preview shows how the Yxy color 56.9331, 0.3218, 0.3666 looks on a white background.

Color Contrast Check

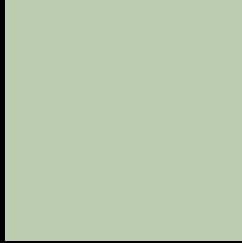
Large Text (above 18pt) WCAG AA × Fail

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 56.9331, 0.3218, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

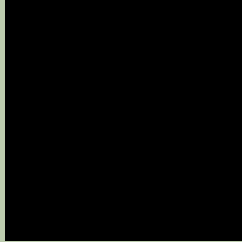
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9331, 0.3218, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 56.9331, 0.3218, 0.3666.

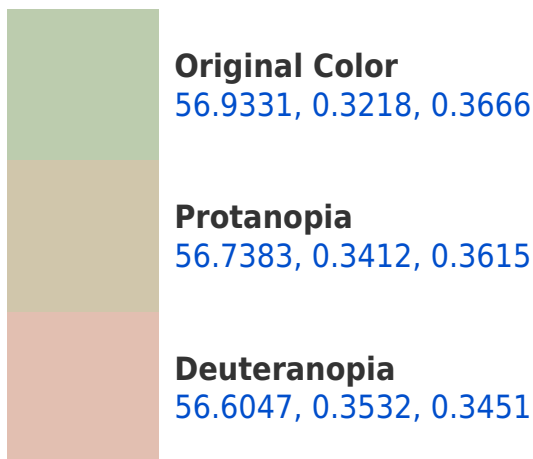


This preview shows how white text looks on a background with the Yxy color 56.9331, 0.3218, 0.3666.

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





Tritanopia

56.7125, 0.2983, 0.3099

Trichromacy



Original Color

56.9331, 0.3218, 0.3666

Protanomaly

56.7046, 0.3343, 0.3632

Deuteranomaly

56.6115, 0.3411, 0.3528

Tritanomaly

56.6385, 0.3072, 0.3302

Monochromacy



Original Color

56.9331, 0.3218, 0.3666

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.8151, 0.3160, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9331, 0.3218, 0.3666 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 174) }
```

Border

The CSS property to change the border of an element to Yxy 56.9331, 0.3218, 0.3666 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, 174) }
```

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

```
.border{ border-color:rgb(188, 204, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9331, 0.3218, 0.3666 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, 174) }
```

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

```
.background{ background-color: rgb(188,  
204, 174) }
```

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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