

Converting Colors

$Yxy(55.7967, 0.3238, 0.3722)$

Have a look what the booklet for
Yxy(55.7967, 0.3238, 0.3722)
contains.

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Color

Yxy(56.0155, 0.3239, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	BACBA9
RGB	186, 203, 169
RGB Percent	73%, 80%, 66%
CMY	0.2705, 0.2039, 0.3371
CMYK	0.08, 0.00, 0.17, 0.20
HSL	90°, 25%, 73%
HSV	90°, 17%, 80%
XYZ	48.7726, 56.0155, 45.7912
YIQ	194.0410, 0.7820, -14.1780

Conversions

Conversions Part 2

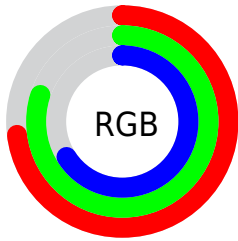
Format	Color
R _{YB}	169, 203, 186
Decimal	12241833
CIE Lab	79.62, -11.87, 15.02
CIE LCh	80, 19.146, 128.311
Yxy	56.0155, 0.3239, 0.3720
Android (android.graphics.Color)	4290431913 (0xFFBACBA9)
YUV	194.0410, -12.3452, -7.0520
Hunter-Lab	74.8435, -14.6545, 16.1153

Details

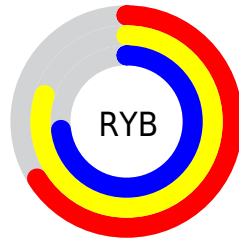
The Yxy color **56.0155, 0.3239, 0.3720** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1384, 0.2999, 0.2861**, and the grayscale version is **54.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7791, 0.3226, 0.3599**, and **27.7658, 0.3267, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **54.0874, 0.3303, 0.4003**, and if you desaturate by 10%, it is **58.1571, 0.3172, 0.3456**.

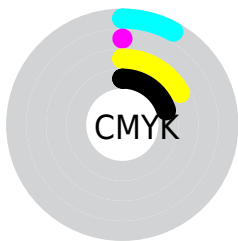
Distribution



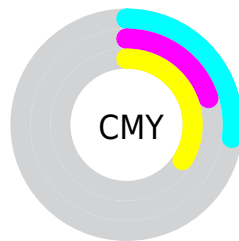
- Red (73%)
- Green (80%)
- Blue (66%)



- Red (66%)
- Yellow (80%)
- Blue (73%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)





- Cyan (27%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0155, 0.3239, 0.3720 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 56.0155, 0.3239, 0.3720 by changing the saturation by 10% instead.


 56.0155, 0.3239,
0.3720

 56.0155, 0.3239,
0.3720


409.7499, 0.3187,
0.3507

 40.2154, 0.3251,
0.3772


 99.0272, 0.3221,
0.3643

 27.7065, 0.3265,
0.3839


127.0076, 0.3214,
0.3614

 18.1045, 0.3283,
0.3928


159.8169, 0.3208,
0.3590

 11.0251, 0.3305,
0.4050

197.8394, 0.3203,
0.3568

 6.0837, 0.3334,
0.4228

241.4595, 0.3198,
0.3550

 2.8960, 0.3369,
0.4513

291.0618, 0.3194,

 1.0777, 0.3784,

0.3534

0.5642

347.0304, 0.3190,
0.3520

0.0000, 0.0000,
0.0000

56.0155, 0.3239,
0.3720

56.0155, 0.3239,
0.3720

54.0874, 0.3303,
0.4003

58.1571, 0.3172,
0.3456

52.3582, 0.3361,
0.4298

60.5117, 0.3105,
0.3213

50.8225, 0.3410,
0.4597

63.0884, 0.3040,
0.2993

49.4720, 0.3444,
0.4886

65.8934, 0.2978,
0.2795

48.2974, 0.3459,
0.5153

67.8919, 0.3019,
0.2761

■ 47.2887, 0.3454,
0.5381

■ 69.6855, 0.3092,
0.2772

■ 46.4343, 0.3426,
0.5558

■ 71.1906, 0.3151,
0.2782

■ 45.7196, 0.3379,
0.5679

■ 45.5086, 0.3362,
0.5713

Harmonies

Analogous

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



56.0155, 0.3467, 0.3722



56.0155, 0.3239, 0.3720



56.0155, 0.2987, 0.3588

Triad

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



56.0155, 0.3239, 0.3720



56.0155, 0.2667, 0.2956



56.0155, 0.3483, 0.3202

Complementary

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



56.0155, 0.3239, 0.3720



43.1384, 0.2999, 0.2861

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.



56.0155, 0.3256, 0.3017



56.0155, 0.3239, 0.3720



56.0155, 0.2788, 0.2875

Square

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



56.0155, 0.3239, 0.3720



56.0155, 0.2664, 0.3133



56.0155, 0.3000, 0.2899



56.0155, 0.3614, 0.3415

Rectangle

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



56.0155, 0.3239, 0.3720



56.0155, 0.2840, 0.3446



56.0155, 0.3000, 0.2899



56.0155, 0.3415, 0.3136

Sweetspot

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



56.0179, 0.3239, 0.3720



98.0172, 0.3161, 0.3414



50.4471, 0.3410, 0.3494



20.9217, 0.3166, 0.3432



0.0000, 0.0000, 0.0000



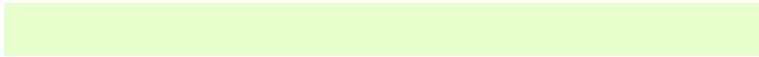
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0179, 0.3239, 0.3720



92.6218, 0.3262, 0.3818



54.0773, 0.3110, 0.3737



12.8080, 0.3190, 0.3524



29.0165, 0.3372, 0.5705



1.5421, 0.3522, 0.5586

Inverse Universe

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



43.1384, 0.2999, 0.2861



67.1444, 0.2967, 0.2763



45.3153, 0.3141, 0.2879



11.1148, 0.3059, 0.3056



4.5757, 0.2031, 0.0892



0.2812, 0.2245, 0.1011

Previews

White Background



This preview shows how the Yxy color 56.0155, 0.3239, 0.3720 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 56.0155, 0.3239, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

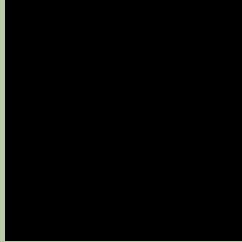
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

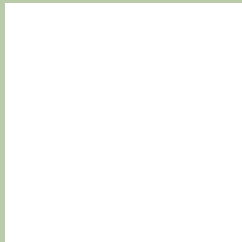
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0155, 0.3239, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 56.0155, 0.3239, 0.3720.



This preview shows how white text looks on a background with the Yxy color 56.0155, 0.3239, 0.3720.

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

56.0155, 0.3239, 0.3720

Protanopia

56.0956, 0.3453, 0.3665

Deuteranopia

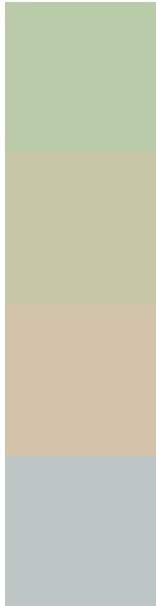
55.8130, 0.3567, 0.3499



Tritanopia

56.0741, 0.2982, 0.3098

Trichromacy



Original Color

56.0155, 0.3239, 0.3720

Protanomaly

55.9162, 0.3374, 0.3684

Deuteranomaly

55.8194, 0.3444, 0.3578

Tritanomaly

55.8252, 0.3072, 0.3314

Monochromacy



Original Color

56.0155, 0.3239, 0.3720

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5117, 0.3168, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0155, 0.3239, 0.3720 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(186, 203, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 169)  
}
```

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(186, 203, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 169) }
```

Border

The CSS property to change the border of an element to Yxy 56.0155, 0.3239, 0.3720 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(186, 203, 169) }
```

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

```
.border{ border-color:rgb(186, 203, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 203, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0155, 0.3239, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 169) }
```

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

```
.background{ background-color: rgb(186,  
203, 169) }
```

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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