

Converting Colors

Yxy(55.8262, 0.3294, 0.3691)

Have a look what the booklet for
Yxy(55.8262, 0.3294, 0.3691)
contains.

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Color

Yxy(55.8443, 0.3290, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	C0C9A9
RGB	192, 201, 169
RGB Percent	75%, 79%, 66%
CMY	0.2470, 0.2118, 0.3371
CMYK	0.04, 0.00, 0.16, 0.21
HSL	77°, 23%, 73%
HSV	77°, 16%, 79%
XYZ	49.7907, 55.8443, 45.7045
YIQ	194.6610, 4.9080, -11.8600

Conversions

Conversions Part 2

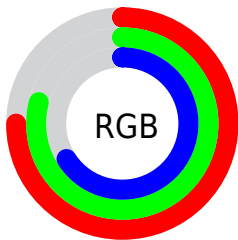
Format	Color
RYB	169, 201, 178
Decimal	12634537
CIELab	79.53, -8.68, 14.95
CIELCh	80, 17.288, 120.148
Yxy	55.8443, 0.3290, 0.3690
Android (android.graphics.Color)	4290824617 (0xFFC0C9A9)
YUV	194.6610, -12.6509, -2.3337
Hunter-Lab	74.7290, -11.8442, 16.0484

Details

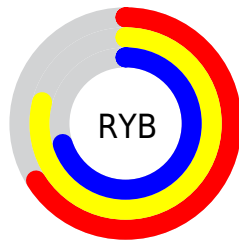
The Yxy color $55.8443, 0.3290, 0.3690$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.0707, 0.2946, 0.2876$, and the grayscale version is $54.4389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.0416, 0.3271, 0.3595$, and $27.5551, 0.3325, 0.3798$ is the 20% darker color. If you saturate the color by 10%, you get $54.4253, 0.3392, 0.3958$, and if you desaturate by 10%, it is $57.4126, 0.3187, 0.3434$.

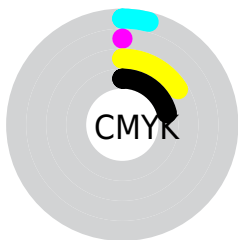
Distribution



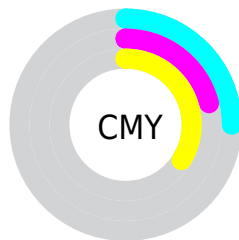
- Red (75%)
- Green (79%)
- Blue (66%)



- Red (66%)
- Yellow (79%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)





- Cyan (25%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8443, 0.3290, 0.3690 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 55.8443, 0.3290, 0.3690 by changing the saturation by 10% instead.


 55.8443, 0.3290,
0.3690

 55.8443, 0.3290,
0.3690

409.1045, 0.3213,
0.3493

 40.0781, 0.3308,
0.3738

 98.7769, 0.3263,
0.3619

 27.5994, 0.3330,
0.3800


126.7121, 0.3252,
0.3592

 18.0239, 0.3359,
0.3881


159.4724, 0.3244,
0.3569

 10.9672, 0.3396,
0.3992

197.4422, 0.3236,
0.3550

 6.0448, 0.3447,
0.4154

241.0059, 0.3229,
0.3533

 2.8723, 0.3517,
0.4409

290.5479, 0.3223,

 1.0654, 0.4035,

0.3518

0.5440

346.4527, 0.3218,
0.3505

0.0000, 0.0000,
0.0000

55.8443, 0.3290,
0.3690

55.8443, 0.3290,
0.3690

54.4253, 0.3392,
0.3958

57.4126, 0.3187,
0.3434

53.1426, 0.3489,
0.4230

59.1281, 0.3086,
0.3194

51.9926, 0.3576,
0.4499

60.9982, 0.2989,
0.2972

50.9689, 0.3648,
0.4753

63.0275, 0.2898,
0.2769

50.0643, 0.3701,
0.4980

64.2493, 0.2902,
0.2720

■ 49.2707, 0.3730,
0.5170

■ 65.1472, 0.2942,
0.2727

■ 48.5788, 0.3734,
0.5314

■ 66.0751, 0.2982,
0.2734

■ 47.9770, 0.3714,
0.5411

■ 67.0335, 0.3022,
0.2740

■ 47.7476, 0.3702,
0.5443

■ 68.0225, 0.3063,
0.2747

Harmonies

Analogous

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



55.8443, 0.3479, 0.3662



55.8443, 0.3290, 0.3690



55.8443, 0.3062, 0.3601

Triad

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



55.8443, 0.3290, 0.3690



55.8443, 0.2698, 0.3025



55.8443, 0.3399, 0.3161

Complementary

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



55.8443, 0.3290, 0.3690



42.0707, 0.2946, 0.2876

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.



55.8443, 0.3181, 0.3006



55.8443, 0.3290, 0.3690



55.8443, 0.2780, 0.2924

Square

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



55.8443, 0.3290, 0.3690



55.8443, 0.2726, 0.3204



55.8443, 0.2954, 0.2920



55.8443, 0.3546, 0.3352

Rectangle

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



55.8443, 0.3290, 0.3690



55.8443, 0.2919, 0.3486



55.8443, 0.2954, 0.2920



55.8443, 0.3331, 0.3104

Sweetspot

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



55.8467, 0.3290, 0.3690



98.5325, 0.3179, 0.3413



46.9469, 0.3408, 0.3398



21.0470, 0.3186, 0.3431



0.0000, 0.0000, 0.0000



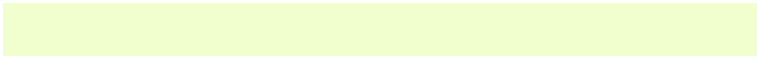
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8467, 0.3290, 0.3690



94.7711, 0.3324, 0.3779



53.9258, 0.3166, 0.3706



12.2614, 0.3223, 0.3521



30.0702, 0.3709, 0.5437



1.4589, 0.3814, 0.5354

Inverse Universe

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



42.0707, 0.2946, 0.2876



66.8698, 0.2903, 0.2780



44.0124, 0.3080, 0.2892



10.4294, 0.3026, 0.3054



3.2294, 0.1687, 0.0703



0.1903, 0.1920, 0.0832

Previews

White Background



This preview shows how the Yxy color 55.8443, 0.3290, 0.3690 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 55.8443, 0.3290, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

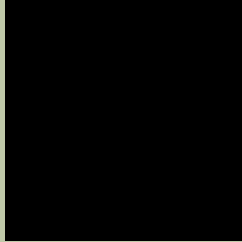
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

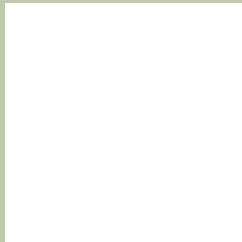
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8443, 0.3290, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 55.8443, 0.3290, 0.3690.



This preview shows how white text looks on a background with the Yxy color 55.8443, 0.3290, 0.3690.

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

55.8443, 0.3290, 0.3690

Protanopia

55.5353, 0.3439, 0.3642

Deuteranopia

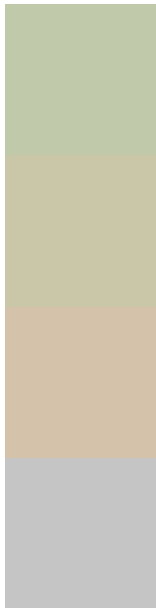
55.7747, 0.3576, 0.3510



Tritanopia

55.7391, 0.3034, 0.3100

Trichromacy



Original Color

55.8443, 0.3290, 0.3690

Protanomaly

55.7719, 0.3385, 0.3658

Deuteranomaly

55.6320, 0.3471, 0.3577

Tritanomaly

55.6538, 0.3127, 0.3302

Monochromacy



Original Color

55.8443, 0.3290, 0.3690

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9470, 0.3185, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8443, 0.3290, 0.3690 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(192, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 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(192, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 169) }
```

Border

The CSS property to change the border of an element to Yxy 55.8443, 0.3290, 0.3690 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(192, 201, 169) }
```

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

```
.border{ border-color:rgb(192, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8443, 0.3290, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 169) }
```

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

```
.background{ background-color: rgb(192,  
201, 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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