

Converting Colors

$Yxy(55.5582, 0.3237, 0.3582)$

Have a look what the booklet for
Yxy(55.5582, 0.3237, 0.3582)
contains.

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Color

Yxy(55.6496, 0.3240, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	C0C8B0
RGB	192, 200, 176
RGB Percent	75%, 78%, 69%
CMY	0.2469, 0.2157, 0.3098
CMYK	0.04, 0.00, 0.12, 0.22
HSL	80°, 18%, 74%
HSV	80°, 12%, 78%
XYZ	50.2381, 55.6496, 49.1683
YIQ	194.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

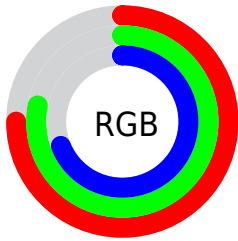
Format	Color
RYB	176, 200, 184
Decimal	12634288
CIELab	79.41, -7.00, 11.07
CIELCh	79, 13.095, 122.314
Yxy	55.6496, 0.3240, 0.3589
Android (android.graphics.Color)	4290824368 (0xFFC0C8B0)
YUV	194.8720, -9.3039, -2.5187
Hunter-Lab	74.5987, -10.3376, 13.1408

Details

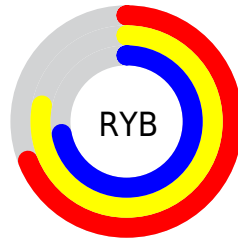
The Yxy color **55.6496, 0.3240, 0.3589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4047, 0.3005, 0.2985**, and the grayscale version is **54.5535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3027, 0.3217, 0.3516**, and **27.3911, 0.3268, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **54.0725, 0.3334, 0.3855**, and if you desaturate by 10%, it is **57.3871, 0.3146, 0.3338**.

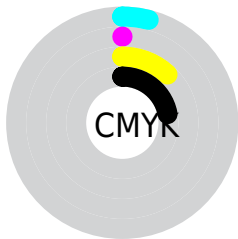
Distribution



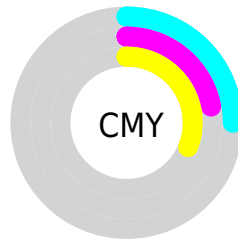
- Red (75%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6496, 0.3240, 0.3589 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 55.6496, 0.3240, 0.3589 by changing the saturation by 10% instead.

■ 55.6496, 0.3240,
0.3589

■ 55.6496, 0.3240,
0.3589

408.3696, 0.3186,
0.3442

■ 39.9221, 0.3253,
0.3625

■ 98.4921, 0.3221,
0.3536

■ 27.4778, 0.3268,
0.3671

126.3758, 0.3214,
0.3516

■ 17.9324, 0.3289,
0.3731

159.0803, 0.3208,
0.3499

■ 10.9014, 0.3316,
0.3814

196.9901, 0.3202,
0.3484

■ 6.0006, 0.3353,
0.3935

240.4896, 0.3197,
0.3472

■ 2.8454, 0.3407,
0.4127

289.9630, 0.3193,

■ 1.0516, 0.3672,

0.3461

0.4711

345.7949, 0.3190,
0.3451

0.0000, 0.0000,
0.0000

55.6496, 0.3240,
0.3589

55.6496, 0.3240,
0.3589

54.0725, 0.3334,
0.3855

57.3871, 0.3146,
0.3338

52.6429, 0.3425,
0.4131

59.2829, 0.3054,
0.3105

51.3573, 0.3507,
0.4408

61.3445, 0.2966,
0.2892

50.2092, 0.3577,
0.4677

63.5121, 0.2889,
0.2707

49.1917, 0.3630,
0.4926

64.5567, 0.2936,
0.2715

■ 48.2968, 0.3660,
0.5142

■ 65.6425, 0.2983,
0.2723

■ 47.5157, 0.3666,
0.5315

■ 66.7700, 0.3031,
0.2731

■ 46.8380, 0.3647,
0.5439

■ 67.9398, 0.3079,
0.2740

■ 46.3549, 0.3619,
0.5509

■ 69.1521, 0.3128,
0.2748

Harmonies

Analogous

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



55.6496, 0.3386, 0.3577



55.6496, 0.3240, 0.3589



55.6496, 0.3066, 0.3515

Triad

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



55.6496, 0.3240, 0.3589



55.6496, 0.2801, 0.3082



55.6496, 0.3344, 0.3203

Complementary

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



55.6496, 0.3240, 0.3589



45.4047, 0.3005, 0.2985

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.



55.6496, 0.3182, 0.3079



55.6496, 0.3240, 0.3589



55.6496, 0.2870, 0.3008

Square

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



55.6496, 0.3240, 0.3589



55.6496, 0.2816, 0.3216



55.6496, 0.3008, 0.3009



55.6496, 0.3448, 0.3350

Rectangle

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



55.6496, 0.3240, 0.3589



55.6496, 0.2959, 0.3427



55.6496, 0.3008, 0.3009



55.6496, 0.3294, 0.3157

Sweetspot

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



55.6520, 0.3240, 0.3589



98.7255, 0.3165, 0.3388



49.5273, 0.3329, 0.3385



21.0811, 0.3172, 0.3407



0.0000, 0.0000, 0.0000



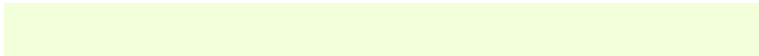
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6520, 0.3240, 0.3589



95.7373, 0.3261, 0.3647



54.1905, 0.3147, 0.3598



12.2343, 0.3215, 0.3522



29.5276, 0.3627, 0.5503



1.4364, 0.3748, 0.5406

Inverse Universe

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



45.4047, 0.3005, 0.2985



75.0484, 0.2980, 0.2925



46.9025, 0.3103, 0.2994



10.4552, 0.3033, 0.3055



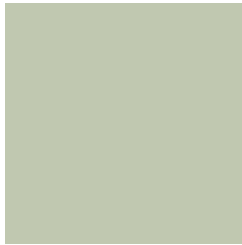
3.4366, 0.1751, 0.0738



0.2024, 0.1991, 0.0871

Previews

White Background



This preview shows how the Yxy color 55.6496, 0.3240, 0.3589 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 55.6496, 0.3240, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

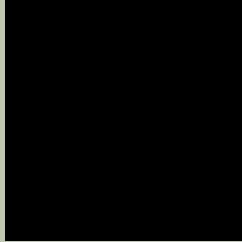
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

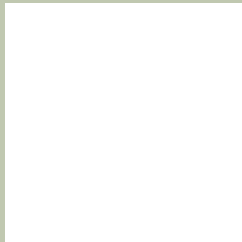
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6496, 0.3240, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 55.6496, 0.3240, 0.3589.



This preview shows how white text looks on a background with the Yxy color 55.6496, 0.3240, 0.3589.

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

55.6496, 0.3240, 0.3589

Protanopia

55.5150, 0.3368, 0.3557

Deuteranopia

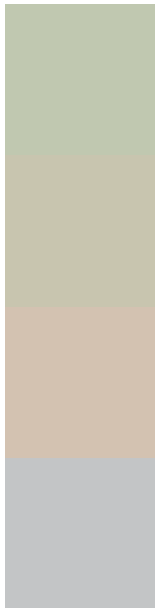
55.5709, 0.3492, 0.3430



Tritanopia

55.5537, 0.3034, 0.3111

Trichromacy



Original Color

55.6496, 0.3240, 0.3589

Protanomaly

55.3070, 0.3317, 0.3560

Deuteranomaly

55.6068, 0.3398, 0.3493

Tritanomaly

55.6118, 0.3104, 0.3278

Monochromacy



Original Color

55.6496, 0.3240, 0.3589

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0327, 0.3170, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6496, 0.3240, 0.3589 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, 200, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 176)  
}
```

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, 200, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.6496, 0.3240, 0.3589 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, 200, 176) }
```

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

```
.border{ border-color:rgb(192, 200, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 200, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 200, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 200, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 200,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6496, 0.3240, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 176) }
```

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

```
.background{ background-color: rgb(192,  
200, 176) }
```

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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