

Converting Colors

Yxy(55.5948, 0.3285, 0.3448)

Have a look what the booklet for
Yxy(55.5948, 0.3285, 0.3448)
contains.

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Color

Yxy(55.5953, 0.3282, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	CBC4B7
RGB	203, 196, 183
RGB Percent	80%, 77%, 72%
CMY	0.2038, 0.2314, 0.2825
CMYK	0.00, 0.03, 0.10, 0.20
HSL	39°, 16%, 76%
HSV	39°, 10%, 80%
XYZ	52.9187, 55.5953, 52.7252
YIQ	196.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

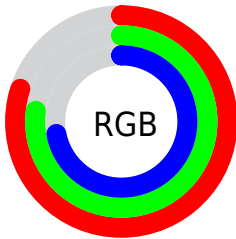
Format	Color
RYB	194, 203, 183
Decimal	13354167
CIELab	79.38, 0.20, 7.40
CIELCh	79, 7.402, 88.453
Yxy	55.5953, 0.3282, 0.3448
Android (android.graphics.Color)	4291544247 (0xFFCBC4B7)
YUV	196.6110, -6.7102, 5.6032
Hunter-Lab	74.5623, -3.7980, 10.2678

Details

The Yxy color **55.5953, 0.3282, 0.3448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2037, 0.2975, 0.3127**, and the grayscale version is **55.6278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7426, 0.3222, 0.3425**, and **27.3473, 0.3326, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **51.6785, 0.3455, 0.3616**, and if you desaturate by 10%, it is **59.7911, 0.3125, 0.3288**.

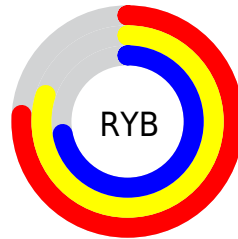
Distribution



Red (80%)

Green (77%)

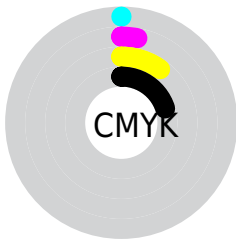
Blue (72%)



Red (76%)

Yellow (80%)

Blue (72%)

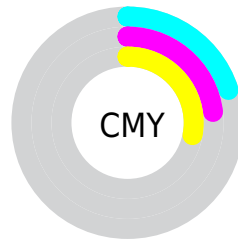


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5953, 0.3282, 0.3448 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 55.5953, 0.3282, 0.3448 by changing the saturation by 10% instead.


 55.5953, 0.3282,
0.3448

 55.5953, 0.3282,
0.3448

408.1646, 0.3207,
0.3371

 39.8785, 0.3300,
0.3466


 98.4126, 0.3255,
0.3421

 27.4439, 0.3323,
0.3490


126.2820, 0.3245,
0.3410

 17.9069, 0.3353,
0.3520


158.9710, 0.3236,
0.3401

 10.8831, 0.3394,
0.3562

196.8640, 0.3229,
0.3394

 5.9883, 0.3452,
0.3621

240.3455, 0.3222,
0.3387

 2.8380, 0.3543,
0.3713

289.7998, 0.3216,

 1.0477, 0.3760,

0.3381

345.6114, 0.3211,
0.3376

0.3935

0.0000, 0.0000,
0.0000

55.5953, 0.3282,
0.3448

55.5953, 0.3282,
0.3448

51.6785, 0.3455,
0.3616

59.7911, 0.3125,
0.3288

48.0262, 0.3645,
0.3787

64.2656, 0.2985,
0.3138

44.6331, 0.3849,
0.3957

69.0278, 0.2860,
0.2998

41.4909, 0.4062,
0.4117

73.4784, 0.2800,
0.2962

38.5910, 0.4278,
0.4257

77.3935, 0.2805,
0.3040

■ 35.9235, 0.4488,
0.4366

■ 81.4707, 0.2810,
0.3117

■ 33.4779, 0.4681,
0.4434

■ 85.7118, 0.2815,
0.3193

■ 31.2419, 0.4846,
0.4452

■ 90.1186, 0.2820,
0.3267

■ 29.1946, 0.4983,
0.4424

■ 91.4404, 0.2822,
0.3289

Harmonies

Analogous

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



55.5953, 0.3318, 0.3395



55.5953, 0.3282, 0.3448



55.5953, 0.3204, 0.3459

Triad

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



55.5953, 0.3282, 0.3448



55.5953, 0.2955, 0.3261



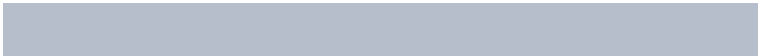
55.5953, 0.3146, 0.3162

Complementary

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



55.5953, 0.3282, 0.3448



51.2037, 0.2975, 0.3127

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.



55.5953, 0.3049, 0.3127



55.5953, 0.3282, 0.3448



55.5953, 0.2940, 0.3182

Square

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



55.5953, 0.3282, 0.3448



55.5953, 0.3015, 0.3350



55.5953, 0.2974, 0.3133



55.5953, 0.3239, 0.3230

Rectangle

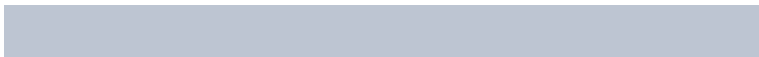
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.5953, 0.3282, 0.3448



55.5953, 0.3139, 0.3440



55.5953, 0.2974, 0.3133



55.5953, 0.3113, 0.3146

Sweetspot

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



55.5977, 0.3282, 0.3448



97.8185, 0.3173, 0.3338



50.2876, 0.3239, 0.3201



20.8140, 0.3186, 0.3351



0.0000, 0.0000, 0.0000



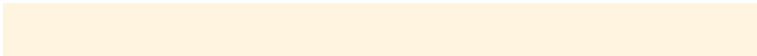
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5977, 0.3282, 0.3448



91.5317, 0.3320, 0.3486



58.4708, 0.3252, 0.3532



12.4092, 0.3274, 0.3440



18.7349, 0.4971, 0.4435



1.1055, 0.4782, 0.4585

Inverse Universe

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



51.2037, 0.2975, 0.3127



82.6185, 0.2938, 0.3086



48.5631, 0.2996, 0.3039



11.4764, 0.2983, 0.3135



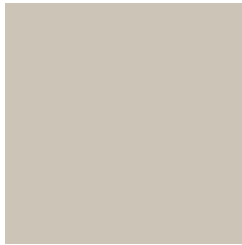
5.7786, 0.1650, 0.1138



0.4398, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 55.5953, 0.3282, 0.3448 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 55.5953, 0.3282, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

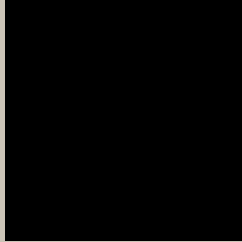
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

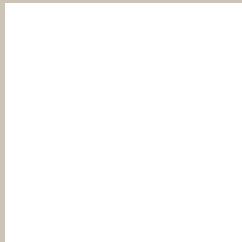
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5953, 0.3282, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 55.5953, 0.3282, 0.3448.

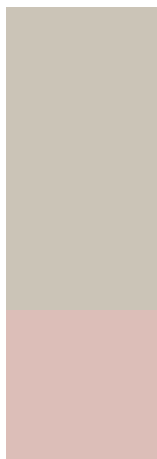


This preview shows how white text looks on a background with the Yxy color 55.5953, 0.3282, 0.3448.

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

55.5953, 0.3282, 0.3448

Protanopia

55.5953, 0.3282, 0.3448

Deuteranopia

55.5032, 0.3426, 0.3361



Tritanopia

55.3261, 0.3127, 0.3114

Trichromacy



Original Color

55.5953, 0.3282, 0.3448

Protanomaly

55.5953, 0.3282, 0.3448

Deuteranomaly

55.4561, 0.3371, 0.3385

Tritanomaly

55.1963, 0.3186, 0.3231

Monochromacy



Original Color

55.5953, 0.3282, 0.3448

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8804, 0.3180, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5953, 0.3282, 0.3448 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(203, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 183)  
}
```

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(203, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 183) }
```

Border

The CSS property to change the border of an element to Yxy 55.5953, 0.3282, 0.3448 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(203, 196, 183) }
```

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

```
.border{ border-color:rgb(203, 196, 183) }
```

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

Here you see how a box with a 4 pixel rgb(203, 196, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 196,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5953, 0.3282, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 196, 183) }
```

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

```
.background{ background-color: rgb(203,  
196, 183) }
```

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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