

Converting Colors

Yxy(56.1348, 0.3222, 0.3352)

Have a look what the booklet for
Yxy(56.1348, 0.3222, 0.3352)
contains.

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Color

Yxy(55.9380, 0.3221, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	CBC4BF
RGB	203, 196, 191
RGB Percent	80%, 77%, 75%
CMY	0.2037, 0.2314, 0.2509
CMYK	0.00, 0.03, 0.06, 0.20
HSL	25°, 10%, 77%
HSV	25°, 6%, 80%
XYZ	53.7840, 55.9380, 57.2571
YIQ	197.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

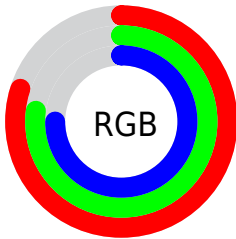
Format	Color
R_{YB}	203, 200, 191
Decimal	13354175
CIE Lab	79.58, 1.59, 3.36
CIE LCh	80, 3.715, 64.724
Yxy	55.9380, 0.3221, 0.3350
Android (android.graphics.Color)	4291544255 (0xFFCBC4BF)
YUV	197.5230, -3.2158, 4.8033
Hunter-Lab	74.7917, -2.5232, 6.9645

Details

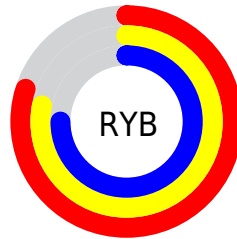
The Yxy color **55.9380, 0.3221, 0.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8148, 0.3037, 0.3229**, and the grayscale version is **56.1903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2260, 0.3175, 0.3348**, and **27.5705, 0.3243, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **49.9452, 0.3399, 0.3456**, and if you desaturate by 10%, it is **62.4863, 0.3068, 0.3250**.

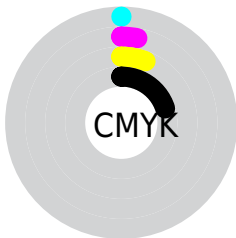
Distribution



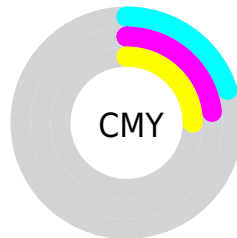
- Red (80%)
- Green (77%)
- Blue (75%)



- Red (80%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9380, 0.3221, 0.3350 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 55.9380, 0.3221, 0.3350 by changing the saturation by 10% instead.

■ 55.9380, 0.3221,
0.3350

■ 55.9380, 0.3221,
0.3350

409.4578, 0.3175,
0.3321

■ 40.1532, 0.3232,
0.3357

■ 98.9139, 0.3205,
0.3340

■ 27.6580, 0.3246,
0.3366

126.8738, 0.3199,
0.3336

■ 18.0680, 0.3264,
0.3377

159.6609, 0.3193,
0.3332

■ 10.9988, 0.3289,
0.3392

197.6596, 0.3189,
0.3330

■ 6.0661, 0.3325,
0.3414

241.2542, 0.3185,
0.3327

■ 2.8853, 0.3380,
0.3448

290.8292, 0.3181,

■ 1.0721, 0.3481,

0.3325

0.3509

346.7689, 0.3178,
0.3323

0.0000, 0.0000,
0.0000

55.9380, 0.3221,
0.3350

55.9380, 0.3221,
0.3350

49.9452, 0.3399,
0.3456

62.4863, 0.3068,
0.3250

44.4858, 0.3606,
0.3568

69.5972, 0.2936,
0.3158

39.5465, 0.3843,
0.3681

77.2868, 0.2823,
0.3073

35.1108, 0.4111,
0.3789

84.4084, 0.2814,
0.3170

31.1614, 0.4405,
0.3885

91.4441, 0.2822,
0.3289

■ 27.6797, 0.4718,
0.3958

■ 24.6456, 0.5032,
0.3994

■ 22.0371, 0.5326,
0.3981

■ 19.8292, 0.5576,
0.3915

Harmonies

Analogous

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



55.9380, 0.3219, 0.3312



55.9380, 0.3221, 0.3350



55.9380, 0.3198, 0.3372

Triad

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



55.9380, 0.3221, 0.3350



55.9380, 0.3063, 0.3311



55.9380, 0.3098, 0.3210

Complementary

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



55.9380, 0.3221, 0.3350



55.8148, 0.3037, 0.3229

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.



55.9380, 0.3057, 0.3209



55.9380, 0.3221, 0.3350



55.9380, 0.3037, 0.3267

Square

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



55.9380, 0.3221, 0.3350



55.9380, 0.3107, 0.3350



55.9380, 0.3034, 0.3230



55.9380, 0.3147, 0.3232

Rectangle

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



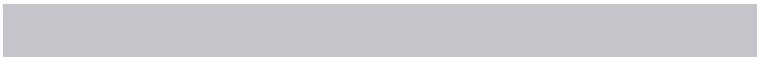
55.9380, 0.3221, 0.3350



55.9380, 0.3172, 0.3375



55.9380, 0.3034, 0.3230



55.9380, 0.3083, 0.3207

Sweetspot

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



55.9404, 0.3221, 0.3350



97.7816, 0.3158, 0.3310



54.0579, 0.3170, 0.3204



20.9526, 0.3157, 0.3309



0.0000, 0.0000, 0.0000



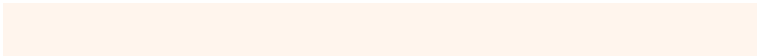
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9404, 0.3221, 0.3350



92.4026, 0.3240, 0.3362



58.6367, 0.3215, 0.3419



12.2188, 0.3248, 0.3367



12.2759, 0.5645, 0.3900



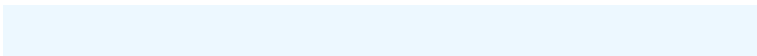
0.7818, 0.5295, 0.4177

Inverse Universe

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



55.8148, 0.3037, 0.3229



92.1531, 0.3019, 0.3217



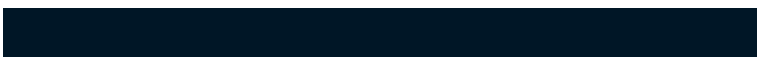
53.1852, 0.3038, 0.3157



12.1838, 0.3012, 0.3212



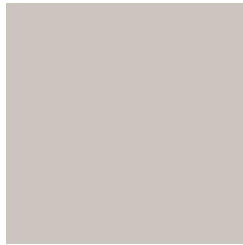
11.3382, 0.1858, 0.1888



0.7324, 0.1942, 0.2190

Previews

White Background



This preview shows how the Yxy color 55.9380, 0.3221, 0.3350 looks on a white background.

Color Contrast Check

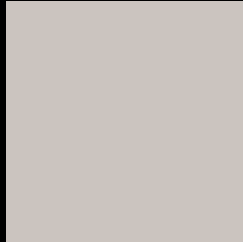
Large Text (above 18pt) WCAG AA × Fail

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 55.9380, 0.3221, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

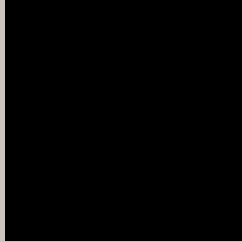
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

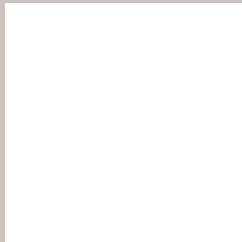
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9380, 0.3221, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 55.9380, 0.3221, 0.3350.

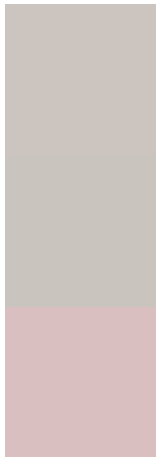


This preview shows how white text looks on a background with the Yxy color 55.9380, 0.3221, 0.3350.

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

55.9380, 0.3221, 0.3350

Protanopia

55.7980, 0.3213, 0.3350

Deuteranopia

55.9728, 0.3343, 0.3279



Tritanopia

55.8652, 0.3112, 0.3103

Trichromacy



Original Color

55.9380, 0.3221, 0.3350

Protanomaly

55.7980, 0.3213, 0.3350

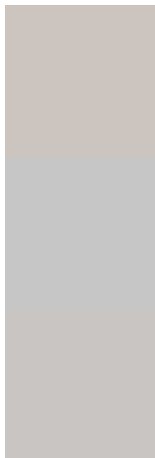
Deuteranomaly

56.0918, 0.3298, 0.3302

Tritanomaly

55.8270, 0.3156, 0.3196

Monochromacy



Original Color

55.9380, 0.3221, 0.3350

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1520, 0.3166, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9380, 0.3221, 0.3350 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.9380, 0.3221, 0.3350 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, 191) }
```

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

```
.border{ border-color:rgb(203, 196, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 196,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9380, 0.3221, 0.3350 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, 191) }
```

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

```
.background{ background-color: rgb(203,  
196, 191) }
```

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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