

Converting Colors

$Yxy(55.8568, 0.3205, 0.3349)$

Have a look what the booklet for
Yxy(55.8568, 0.3205, 0.3349)
contains.

Yxy(55.6590, 0.3204, 0.3351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.6590, 0.3204, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	C9C4BF
RGB	201, 196, 191
RGB Percent	79%, 77%, 75%
CMY	0.2120, 0.2313, 0.2510
CMYK	0.00, 0.02, 0.05, 0.21
HSL	30°, 8%, 77%
HSV	30°, 5%, 79%
XYZ	53.2174, 55.6590, 57.2203
YIQ	196.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

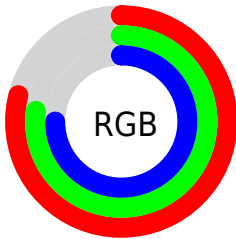
Format	Color
R_{YB}	201, 201, 191
Decimal	13223103
CIE Lab	79.42, 0.82, 3.12
CIE LCh	79, 3.225, 75.357
Yxy	55.6590, 0.3204, 0.3351
Android (android.graphics.Color)	4291413183 (0xFFC9C4BF)
YUV	196.9250, -2.9210, 3.5738
Hunter-Lab	74.6050, -3.2307, 6.7494

Details

The Yxy color **55.6590, 0.3204, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7230, 0.3052, 0.3228**, and the grayscale version is **55.7992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2260, 0.3175, 0.3348**, and **27.3840, 0.3221, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **50.5082, 0.3375, 0.3480**, and if you desaturate by 10%, it is **61.2319, 0.3054, 0.3230**.

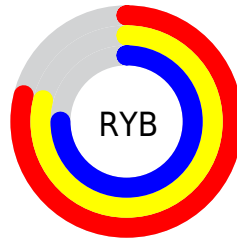
Distribution



Red (79%)

Green (77%)

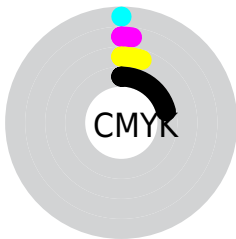
Blue (75%)



Red (79%)

Yellow (79%)

Blue (75%)

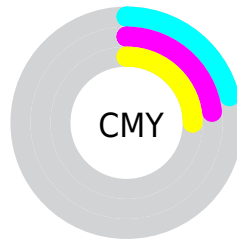


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (21%)



Cyan (21%)


Magenta (23%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6590, 0.3204, 0.3351 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 55.6590, 0.3204, 0.3351 by changing the saturation by 10% instead.


 55.6590, 0.3204,
0.3351

 55.6590, 0.3204,
0.3351

408.4051, 0.3167,
0.3322

 39.9296, 0.3213,
0.3358

 98.5058, 0.3191,
0.3340

 27.4836, 0.3224,
0.3367


126.3920, 0.3186,
0.3336

 17.9368, 0.3239,
0.3379


159.0993, 0.3181,
0.3333

 10.9046, 0.3260,
0.3395

197.0120, 0.3178,
0.3330

 6.0027, 0.3289,
0.3417

240.5145, 0.3174,
0.3328

 2.8467, 0.3335,
0.3453

289.9913, 0.3171,


 1.0523, 0.3418,


0.3325

0.3517


345.8267, 0.3169,
0.3323


 0.0000, 0.0000,
0.0000

 55.6590, 0.3204,
0.3351


 55.6590, 0.3204,
0.3351

 50.5082, 0.3375,
0.3480

 61.2319, 0.3054,
0.3230

 45.7615, 0.3570,
0.3614


 67.2297, 0.2923,
0.3117


 41.4105, 0.3789,
0.3751

 73.6647, 0.2809,
0.3014

 37.4433, 0.4031,
0.3884

 79.4471, 0.2796,
0.3084

 33.8476, 0.4292,
0.4004

 85.3084, 0.2803,
0.3190

■ 30.6102, 0.4563,
0.4100

■ 91.1489, 0.2810,
0.3289

■ 27.7167, 0.4832,
0.4161

■ 25.1515, 0.5083,
0.4173

■ 22.8964, 0.5298,
0.4132

Harmonies

Analogous

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



55.6590, 0.3210, 0.3322



55.6590, 0.3204, 0.3351



55.6590, 0.3177, 0.3364

Triad

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



55.6590, 0.3204, 0.3351



55.6590, 0.3061, 0.3295



55.6590, 0.3117, 0.3225

Complementary

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



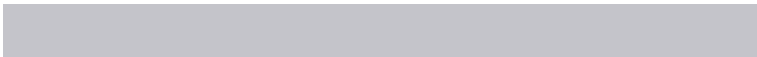
55.6590, 0.3204, 0.3351



54.7230, 0.3052, 0.3228

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.



55.6590, 0.3077, 0.3217



55.6590, 0.3204, 0.3351



55.6590, 0.3045, 0.3257

Square

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



55.6590, 0.3204, 0.3351



55.6590, 0.3095, 0.3331



55.6590, 0.3051, 0.3229



55.6590, 0.3159, 0.3250

Rectangle

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



55.6590, 0.3204, 0.3351



55.6590, 0.3152, 0.3361



55.6590, 0.3051, 0.3229



55.6590, 0.3103, 0.3220

Sweetspot

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



55.6614, 0.3204, 0.3351



99.0364, 0.3142, 0.3302



53.6486, 0.3170, 0.3230



21.2080, 0.3142, 0.3302



0.0000, 0.0000, 0.0000



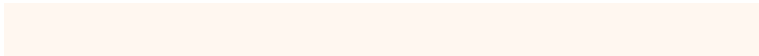
21.4041, 0.3127, 0.3290

Same Dimension

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



55.6614, 0.3204, 0.3351



94.3292, 0.3222, 0.3365



57.9141, 0.3199, 0.3410



11.8276, 0.3230, 0.3371



13.9397, 0.5375, 0.4114



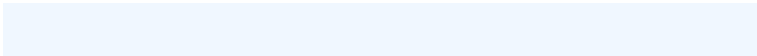
0.8048, 0.5064, 0.4361

Inverse Universe

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



54.7230, 0.3052, 0.3228



92.3687, 0.3035, 0.3214



52.5447, 0.3053, 0.3168



11.5621, 0.3027, 0.3207



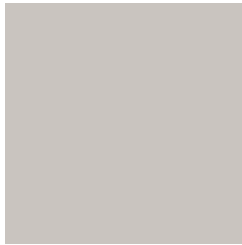
8.4708, 0.1770, 0.1572



0.5460, 0.1876, 0.1955

Previews

White Background



This preview shows how the Yxy color 55.6590, 0.3204, 0.3351 looks on a white background.

Color Contrast Check

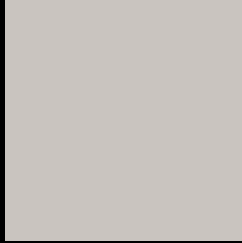
Large Text (above 18pt) WCAG AA × Fail

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 55.6590, 0.3204, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

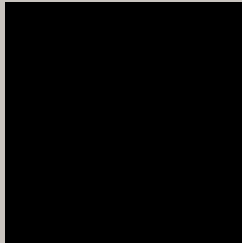
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

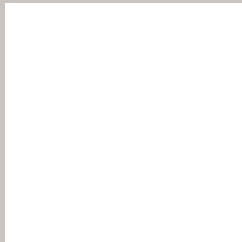
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6590, 0.3204, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 55.6590, 0.3204, 0.3351.

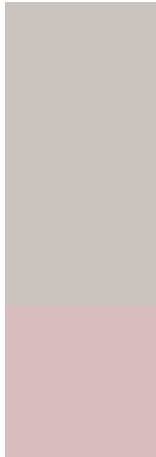


This preview shows how white text looks on a background with the Yxy color 55.6590, 0.3204, 0.3351.

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

55.6590, 0.3204, 0.3351

Protanopia

55.7980, 0.3213, 0.3350

Deuteranopia

55.3844, 0.3336, 0.3267



Tritanopia

55.5807, 0.3096, 0.3102

Trichromacy



Original Color

55.6590, 0.3204, 0.3351

Protanomaly

55.7980, 0.3213, 0.3350

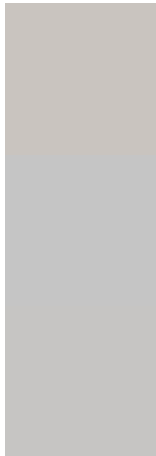
Deuteranomaly

55.3539, 0.3283, 0.3290

Tritanomaly

55.5444, 0.3140, 0.3195

Monochromacy



Original Color

55.6590, 0.3204, 0.3351

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8784, 0.3150, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6590, 0.3204, 0.3351 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(201, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.6590, 0.3204, 0.3351 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(201, 196, 191) }
```

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

```
.border{ border-color:rgb(201, 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(201, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6590, 0.3204, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 191) }
```

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

```
.background{ background-color: rgb(201,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor