

Converting Colors

Yxy(55.0740, 0.3159, 0.3226)

Have a look what the booklet for
Yxy(55.0740, 0.3159, 0.3226)
contains.

Yxy(54.8200, 0.3155, 0.3218)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.8200, 0.3155, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	CAC1C7
RGB	202, 193, 199
RGB Percent	79%, 76%, 78%
CMY	0.2076, 0.2432, 0.2196
CMYK	0.00, 0.04, 0.02, 0.21
HSL	320°, 8%, 77%
HSV	320°, 4%, 79%
XYZ	53.7468, 54.8200, 61.7875
YIQ	196.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

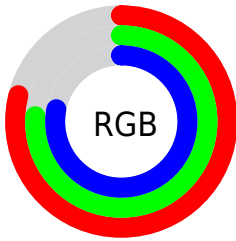
Format	Color
R_{YB}	202, 193, 199
Decimal	13287879
CIE _{Lab}	78.94, 4.25, -1.90
CIE _{LCh}	79, 4.657, 335.983
Yxy	54.8200, 0.3155, 0.3218
Android (android.graphics.Color)	4291477959 (0xFFCAC1C7)
YUV	196.3750, 1.2941, 4.9331
Hunter-Lab	74.0405, 0.0040, 2.3503

Details

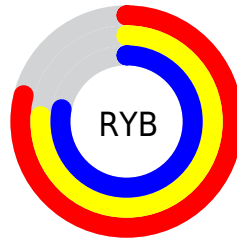
The Yxy color **54.8200, 0.3155, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5876, 0.3100, 0.3363**, and the grayscale version is **55.4345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.0964, 0.3163, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **46.1838, 0.3225, 0.3052**, and if you desaturate by 10%, it is **64.6953, 0.3096, 0.3376**.

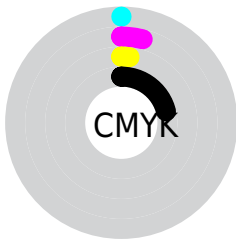
Distribution



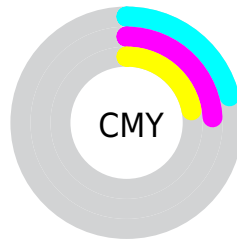
- Red (79%)
- Green (76%)
- Blue (78%)



- Red (79%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (21%)




- Cyan (21%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8200, 0.3155, 0.3218 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 54.8200, 0.3155, 0.3218 by changing the saturation by 10% instead.


 54.8200, 0.3155,
0.3218

 54.8200, 0.3155,
0.3218

405.2293, 0.3142,
0.3253

 39.2576, 0.3158,
0.3210


 97.2772, 0.3150,
0.3230

 26.9602, 0.3162,
0.3199


124.9408, 0.3148,
0.3235

 17.5433, 0.3168,
0.3185


157.4069, 0.3147,
0.3239

 10.6226, 0.3175,
0.3166

195.0599, 0.3146,
0.3243

 5.8137, 0.3185,
0.3140

238.2843, 0.3144,
0.3246

 2.7321, 0.3201,
0.3098

287.4644, 0.3143,

 0.9935, 0.3229,

0.3248

0.3024

342.9846, 0.3142,
0.3251

0.0000, 0.0000,
0.0000

54.8200, 0.3155,
0.3218

54.8200, 0.3155,
0.3218

46.1838, 0.3225,
0.3052

64.6953, 0.3096,
0.3376

38.7304, 0.3308,
0.2879

75.8492, 0.3046,
0.3523

32.4093, 0.3405,
0.2706

88.3282, 0.3005,
0.3660

27.1640, 0.3515,
0.2538

89.5811, 0.2968,
0.3599

22.9328, 0.3639,
0.2385

89.9607, 0.2932,
0.3525

■ 19.6479, 0.3775,
0.2256

■ 90.3553, 0.2896,
0.3451

■ 17.2330, 0.3919,
0.2164

■ 90.7649, 0.2860,
0.3379

■ 15.6000, 0.4066,
0.2117

■ 91.1897, 0.2825,
0.3308

■ 14.6419, 0.4210,
0.2120

■ 91.3036, 0.2816,
0.3289

Harmonies

Analogous

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



54.8200, 0.3093, 0.3189



54.8200, 0.3155, 0.3218



54.8200, 0.3210, 0.3266

Triad

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



54.8200, 0.3155, 0.3218



54.8200, 0.3215, 0.3394



54.8200, 0.3012, 0.3259

Complementary

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



54.8200, 0.3155, 0.3218



57.5876, 0.3100, 0.3363

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.



54.8200, 0.3045, 0.3314



54.8200, 0.3155, 0.3218



54.8200, 0.3161, 0.3393

Square

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



54.8200, 0.3155, 0.3218



54.8200, 0.3245, 0.3367



54.8200, 0.3099, 0.3364



54.8200, 0.3011, 0.3212

Rectangle

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



54.8200, 0.3155, 0.3218



54.8200, 0.3236, 0.3302



54.8200, 0.3099, 0.3364



54.8200, 0.3020, 0.3277

Sweetspot

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



54.8224, 0.3155, 0.3218



98.3288, 0.3133, 0.3274



54.1383, 0.3084, 0.3180



21.0640, 0.3133, 0.3275



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.



54.8224, 0.3155, 0.3218



91.8608, 0.3159, 0.3209



54.6158, 0.3189, 0.3272



12.0877, 0.3163, 0.3199



9.2093, 0.4271, 0.2127



0.4889, 0.4013, 0.1984

Inverse Universe

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



54.8224, 0.3155, 0.3218



91.8608, 0.3159, 0.3209



57.7962, 0.3068, 0.3308



12.0877, 0.3163, 0.3199



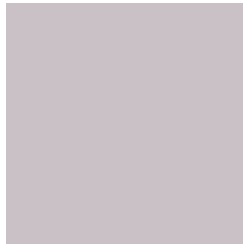
9.2093, 0.4271, 0.2127



0.4889, 0.4013, 0.1984

Previews

White Background



This preview shows how the Yxy color 54.8200, 0.3155, 0.3218 looks on a white background.

Color Contrast Check

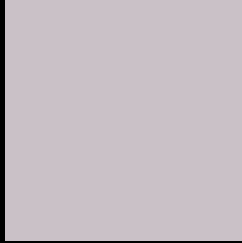
Large Text (above 18pt) WCAG AA × Fail

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 54.8200, 0.3155, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

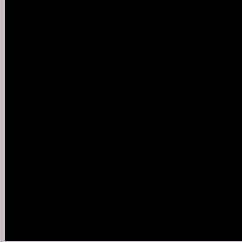
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

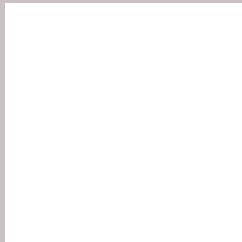
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8200, 0.3155, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 54.8200, 0.3155, 0.3218.

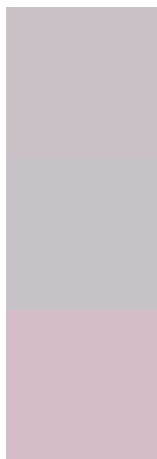


This preview shows how white text looks on a background with the Yxy color 54.8200, 0.3155, 0.3218.

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

54.8200, 0.3155, 0.3218

Protanopia

54.7595, 0.3115, 0.3218

Deuteranopia

54.5624, 0.3232, 0.3162



Tritanopia

54.9008, 0.3103, 0.3113

Trichromacy



Original Color

54.8200, 0.3155, 0.3218

Protanomaly

54.8958, 0.3123, 0.3218

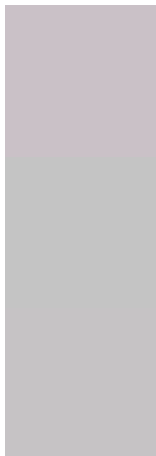
Deuteranomaly

54.4069, 0.3198, 0.3172

Tritanomaly

54.7554, 0.3126, 0.3148

Monochromacy



Original Color

54.8200, 0.3155, 0.3218

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0672, 0.3136, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8200, 0.3155, 0.3218 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(202, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 199)  
}
```

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(202, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.8200, 0.3155, 0.3218 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(202, 193, 199) }
```

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

```
.border{ border-color:rgb(202, 193, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 193, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 193, 199); box-shadow:4px 4px 4px 4px rgb(202, 193, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8200, 0.3155, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 199) }
```

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

```
.background{ background-color: rgb(202,  
193, 199) }
```

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