

Converting Colors

$Y_{xy}(59.3954, 0.3184, 0.3314)$

Have a look what the booklet for
Yxy(59.3954, 0.3184, 0.3314)
contains.

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Color

Yxy(59.1622, 0.3188, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	CFC9C7
RGB	207, 201, 199
RGB Percent	81%, 79%, 78%
CMY	0.1885, 0.2117, 0.2196
CMYK	0.00, 0.03, 0.04, 0.19
HSL	15°, 8%, 80%
HSV	15°, 4%, 81%
XYZ	56.9128, 59.1622, 62.4470
YIQ	202.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

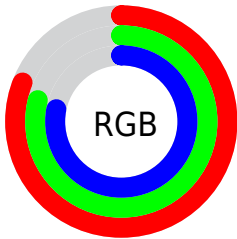
Format	Color
R _Y B	207, 202, 199
Decimal	13617607
CIE Lab	81.38, 1.69, 1.73
CIE LCh	81, 2.417, 45.710
Yxy	59.1622, 0.3188, 0.3314
Android (android.graphics.Color)	4291807687 (0xFFCFC9C7)
YUV	202.5660, -1.7580, 3.8886
Hunter-Lab	76.9170, -2.5280, 5.7058

Details

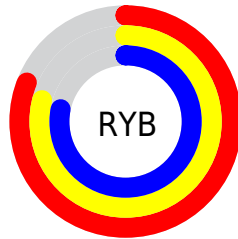
The Yxy color **59.1622, 0.3188, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2575, 0.3068, 0.3266**, and the grayscale version is **59.4399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.6841, 0.3209, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **51.4461, 0.3368, 0.3380**, and if you desaturate by 10%, it is **67.7334, 0.3038, 0.3253**.

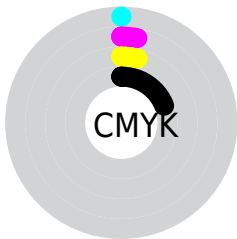
Distribution



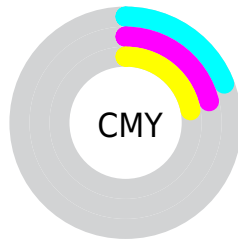
- Red (81%)
- Green (79%)
- Blue (78%)



- Red (81%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1622, 0.3188, 0.3314 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 59.1622, 0.3188, 0.3314 by changing the saturation by 10% instead.

■ 59.1622, 0.3188,
0.3314

■ 59.1622, 0.3188,
0.3314

421.5027, 0.3159,
0.3303

■ 42.7437, 0.3195,
0.3317

103.6134, 0.3178,
0.3310

■ 29.6841, 0.3204,
0.3320

132.4148, 0.3174,
0.3308

■ 19.5989, 0.3215,
0.3324

166.1127, 0.3170,
0.3307

■ 12.1038, 0.3231,
0.3330

205.0915, 0.3167,
0.3306

■ 6.8144, 0.3252,
0.3339

249.7355, 0.3165,
0.3305

■ 3.3463, 0.3286,
0.3351

300.4291, 0.3163,

■ 1.3151, 0.3345,

0.3304

357.5567, 0.3161,
0.3303

0.3372

0.1528, 0.4846,
0.3972

0.0000, 0.0000,
0.0000

59.1622, 0.3188,
0.3314

59.1622, 0.3188,
0.3314

51.4461, 0.3368,
0.3380

67.7334, 0.3038,
0.3253

44.5510, 0.3583,
0.3449

77.1771, 0.2912,
0.3197

38.4519, 0.3838,
0.3521

87.1226, 0.2839,
0.3208

33.1195, 0.4138,
0.3590

91.9959, 0.2843,
0.3289

■ 28.5229, 0.4481,
0.3650

■ 24.6288, 0.4858,
0.3692

■ 21.4012, 0.5249,
0.3705

■ 18.8007, 0.5619,
0.3679

■ 16.7834, 0.5924,
0.3611

Harmonies

Analogous

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



59.1622, 0.3176, 0.3287



59.1622, 0.3188, 0.3314



59.1622, 0.3183, 0.3335

Triad

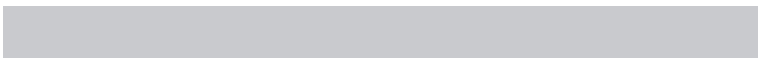
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1622, 0.3188, 0.3314



59.1622, 0.3103, 0.3320



59.1622, 0.3091, 0.3237

Complementary

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



59.1622, 0.3188, 0.3314



60.2575, 0.3068, 0.3266

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.



59.1622, 0.3071, 0.3245



59.1622, 0.3188, 0.3314



59.1622, 0.3079, 0.3293

Square

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



59.1622, 0.3188, 0.3314



59.1622, 0.3134, 0.3339



59.1622, 0.3067, 0.3266



59.1622, 0.3120, 0.3242

Rectangle

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



59.1622, 0.3188, 0.3314



59.1622, 0.3172, 0.3343



59.1622, 0.3067, 0.3266



59.1622, 0.3083, 0.3238

Sweetspot

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



59.1648, 0.3188, 0.3314



98.6326, 0.3143, 0.3296



58.5045, 0.3146, 0.3221



21.1259, 0.3142, 0.3296



0.0000, 0.0000, 0.0000



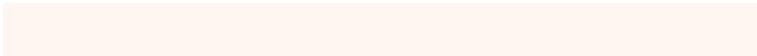
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1648, 0.3188, 0.3314



93.3033, 0.3208, 0.3322



61.0172, 0.3185, 0.3360



12.9552, 0.3218, 0.3326



10.0937, 0.6052, 0.3577



0.6943, 0.5684, 0.3869

Inverse Universe

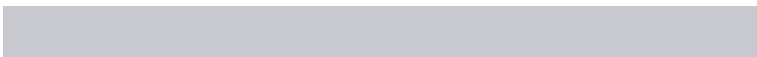
The Inverse Universe completely reimagines the original color for something new.



60.2575, 0.3068, 0.3266



95.5954, 0.3050, 0.3258



58.4057, 0.3069, 0.3219



13.3120, 0.3041, 0.3254



17.5534, 0.2012, 0.2444



1.1050, 0.2060, 0.2617

Previews

White Background



This preview shows how the Yxy color 59.1622, 0.3188, 0.3314 looks on a white background.

Color Contrast Check

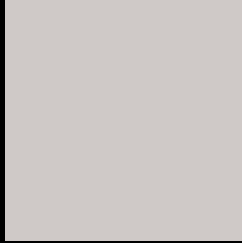
Large Text (above 18pt) WCAG AA × Fail

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 59.1622, 0.3188, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

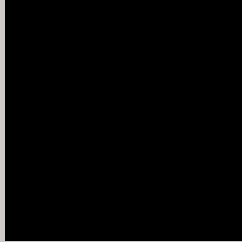
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

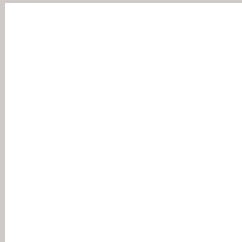
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1622, 0.3188, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 59.1622, 0.3188, 0.3314.

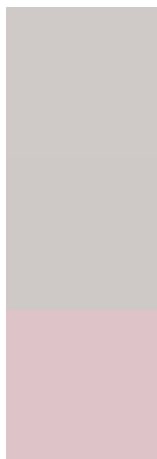


This preview shows how white text looks on a background with the Yxy color 59.1622, 0.3188, 0.3314.

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

59.1622, 0.3188, 0.3314

Protanopia

59.0186, 0.3181, 0.3314

Deuteranopia

59.1796, 0.3306, 0.3245



Tritanopia

59.2572, 0.3097, 0.3118

Trichromacy



Original Color

59.1622, 0.3188, 0.3314

Protanomaly

59.0186, 0.3181, 0.3314

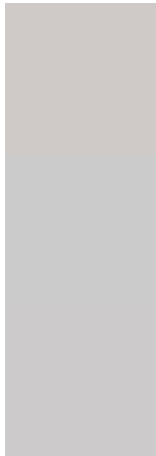
Deuteranomaly

59.3100, 0.3263, 0.3268

Tritanomaly

59.3219, 0.3124, 0.3186

Monochromacy



Original Color

59.1622, 0.3188, 0.3314

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3427, 0.3143, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1622, 0.3188, 0.3314 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(207, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 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(207, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 199) }
```

Border

The CSS property to change the border of an element to Yxy 59.1622, 0.3188, 0.3314 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(207, 201, 199) }
```

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

```
.border{ border-color:rgb(207, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1622, 0.3188, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 199) }
```

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

```
.background{ background-color: rgb(207,  
201, 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](#).

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