

Converting Colors

Yxy(58.4711, 0.3141, 0.3297)

Have a look what the booklet for
Yxy(58.4711, 0.3141, 0.3297)
contains.

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Color

Yxy(58.5000, 0.3142, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C8
RGB	202, 201, 200
RGB Percent	79%, 79%, 78%
CMY	0.2079, 0.2117, 0.2157
CMYK	0.00, 0.00, 0.01, 0.21
HSL	31°, 2%, 79%
HSV	31°, 1%, 79%
XYZ	55.6654, 58.5000, 63.0000
YIQ	201.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

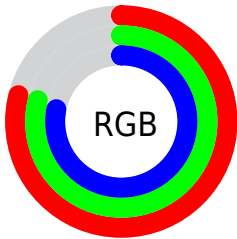
Format	Color
RYB	202, 202, 200
Decimal	13289928
CIELab	81.02, 0.16, 0.61
CIELCh	81, 0.632, 75.565
Yxy	58.5000, 0.3142, 0.3302
Android (android.graphics.Color)	4291480008 (0xFFCAC9C8)
YUV	201.1850, -0.5842, 0.7148
Hunter-Lab	76.4853, -3.9385, 4.7033

Details

The Yxy color **58.5000, 0.3142, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3032, 0.3112, 0.3278**, and the grayscale version is **58.5325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.2387, 0.3147, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **53.1486, 0.3305, 0.3429**, and if you desaturate by 10%, it is **64.2791, 0.3000, 0.3184**.

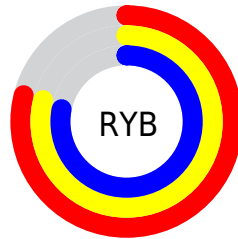
Distribution



Red (79%)

Green (79%)

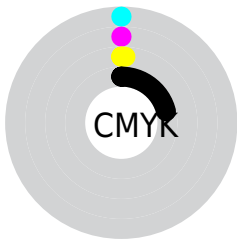
Blue (78%)



Red (79%)

Yellow (79%)

Blue (78%)

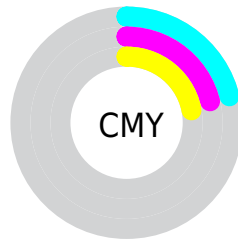


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5000, 0.3142, 0.3302 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 58.5000, 0.3142, 0.3302 by changing the saturation by 10% instead.

■ 58.5000, 0.3142,
0.3302

■ 58.5000, 0.3142,
0.3302

419.0465, 0.3135,
0.3296

■ 42.2108, 0.3144,
0.3303

102.6506, 0.3139,
0.3300

■ 29.2664, 0.3146,
0.3305

131.2808, 0.3139,
0.3299

■ 19.2824, 0.3149,
0.3307

164.7934, 0.3138,
0.3299

■ 11.8745, 0.3152,
0.3310

203.5728, 0.3137,
0.3298

■ 6.6583, 0.3158,
0.3315

248.0034, 0.3136,
0.3298

■ 3.2493, 0.3166,
0.3321

298.4696, 0.3136,

■ 1.2632, 0.3180,

0.3297

0.3332

355.3558, 0.3135,
0.3297

0.1125, 0.3656,
0.3713

0.0000, 0.0000,
0.0000

58.5000, 0.3142,
0.3302

58.5000, 0.3142,
0.3302

53.1486, 0.3305,
0.3429

64.2791, 0.3000,
0.3184

48.2070, 0.3490,
0.3562

70.4883, 0.2876,
0.3074

43.6666, 0.3699,
0.3699

76.7742, 0.2798,
0.3030

39.5162, 0.3931,
0.3835

82.4686, 0.2806,
0.3137

■ 35.7435, 0.4185,
0.3962

■ 88.4818, 0.2813,
0.3243

■ 32.3356, 0.4452,
0.4070

■ 91.2943, 0.2816,
0.3289

■ 29.2788, 0.4722,
0.4147

■ 26.5577, 0.4981,
0.4181

■ 24.1554, 0.5210,
0.4161

Harmonies

Analogous

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



58.5000, 0.3143, 0.3296



58.5000, 0.3142, 0.3302



58.5000, 0.3137, 0.3304

Triad

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



58.5000, 0.3142, 0.3302



58.5000, 0.3114, 0.3291



58.5000, 0.3125, 0.3278

Complementary

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



58.5000, 0.3142, 0.3302



58.3032, 0.3112, 0.3278

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.



58.5000, 0.3118, 0.3276



58.5000, 0.3142, 0.3302



58.5000, 0.3111, 0.3284

Square

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



58.5000, 0.3142, 0.3302



58.5000, 0.3121, 0.3298



58.5000, 0.3113, 0.3278



58.5000, 0.3134, 0.3282

Rectangle

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



58.5000, 0.3142, 0.3302



58.5000, 0.3132, 0.3304



58.5000, 0.3113, 0.3278



58.5000, 0.3123, 0.3277

Sweetspot

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



58.5025, 0.3142, 0.3302

100.0000, 0.3127, 0.3290



58.0791, 0.3135, 0.3278



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



58.5025, 0.3142, 0.3302



99.0415, 0.3142, 0.3302



58.9578, 0.3141, 0.3314



13.1687, 0.3141, 0.3302



14.4923, 0.5367, 0.4120



0.8994, 0.5078, 0.4350

Inverse Universe

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



58.3032, 0.3112, 0.3278



98.6933, 0.3112, 0.3278



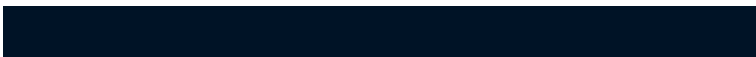
57.8510, 0.3113, 0.3266



13.1258, 0.3113, 0.3278



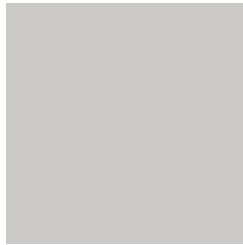
8.6720, 0.1767, 0.1559



0.5992, 0.1867, 0.1919

Previews

White Background



This preview shows how the Yxy color 58.5000, 0.3142, 0.3302 looks on a white background.

Color Contrast Check

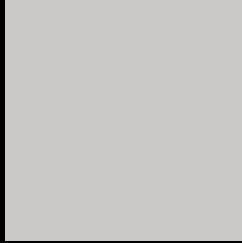
Large Text (above 18pt) WCAG AA × Fail

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 58.5000, 0.3142, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

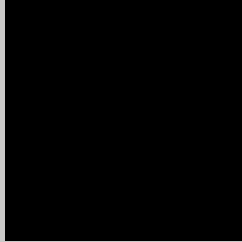
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

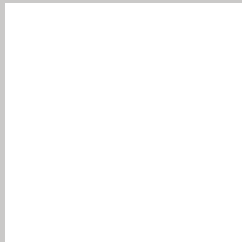
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5000, 0.3142, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 58.5000, 0.3142, 0.3302.

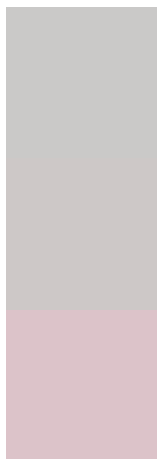


This preview shows how white text looks on a background with the Yxy color 58.5000, 0.3142, 0.3302.

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

58.5000, 0.3142, 0.3302

Protanopia

58.4112, 0.3174, 0.3302

Deuteranopia

58.4629, 0.3283, 0.3222



Tritanopia

58.5393, 0.3058, 0.3116

Trichromacy



Original Color

58.5000, 0.3142, 0.3302

Protanomaly

58.2694, 0.3166, 0.3302

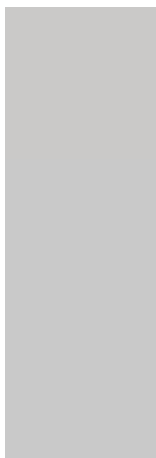
Deuteranomaly

58.2957, 0.3225, 0.3244

Tritanomaly

58.6085, 0.3086, 0.3185

Monochromacy



Original Color

58.5000, 0.3142, 0.3302

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4078, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5000, 0.3142, 0.3302 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, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 200)  
}
```

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, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.5000, 0.3142, 0.3302 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, 201, 200) }
```

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

```
.border{ border-color:rgb(202, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
200) }
```

Background

The CSS property to change the background color of an element to Yxy 58.5000, 0.3142, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 200) }
```

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

```
.background{ background-color: rgb(202,  
201, 200) }
```

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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