

Converting Colors

Yxy(59.7242, 0.3174, 0.3302)

Have a look what the booklet for
Yxy(59.7242, 0.3174, 0.3302)
contains.

Yxy(59.7235, 0.3173, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7235, 0.3173, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CFCAC9
RGB	207, 202, 201
RGB Percent	81%, 79%, 79%
CMY	0.1883, 0.2078, 0.2118
CMYK	0.00, 0.02, 0.03, 0.19
HSL	10°, 6%, 80%
HSV	10°, 3%, 81%
XYZ	57.3903, 59.7235, 63.7569
YIQ	203.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

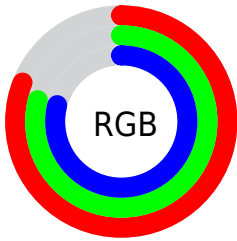
Format	Color
R _Y B	207, 202, 201
Decimal	13617865
CIE Lab	81.69, 1.54, 1.11
CIE LCh	82, 1.895, 35.678
Yxy	59.7235, 0.3173, 0.3302
Android (android.graphics.Color)	4291807945 (0xFFCFCAC9)
YUV	203.3810, -1.1738, 3.1739
Hunter-Lab	77.2810, -2.6844, 5.1824

Details

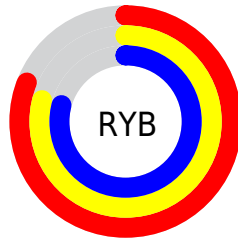
The Yxy color **59.7235, 0.3173, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0453, 0.3083, 0.3278**, and the grayscale version is **59.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0587, 0.3189, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **51.1982, 0.3353, 0.3346**, and if you desaturate by 10%, it is **69.2827, 0.3025, 0.3262**.

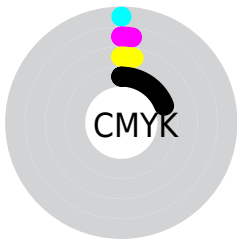
Distribution



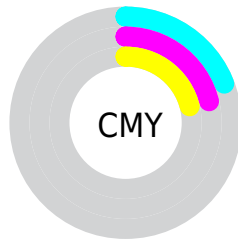
- Red (81%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7235, 0.3173, 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 59.7235, 0.3173, 0.3302 by changing the saturation by 10% instead.

■ 59.7235, 0.3173,
0.3302

■ 59.7235, 0.3173,
0.3302

423.5779, 0.3151,
0.3296

■ 43.1958, 0.3178,
0.3303

104.4285, 0.3165,
0.3300

■ 30.0388, 0.3185,
0.3305

133.3745, 0.3162,
0.3299

■ 19.8680, 0.3193,
0.3307

167.2288, 0.3160,
0.3299

■ 12.2991, 0.3205,
0.3310

206.3758, 0.3157,
0.3298

■ 6.9478, 0.3221,
0.3314

251.1998, 0.3156,
0.3298

■ 3.4294, 0.3246,
0.3320

302.0852, 0.3154,

■ 1.3598, 0.3289,

0.3297

0.3330

359.4164, 0.3152,
0.3297

0.1868, 0.4074,
0.3538

0.0000, 0.0000,
0.0000

59.7235, 0.3173,
0.3302

59.7235, 0.3173,
0.3302

51.1982, 0.3353,
0.3346

69.2827, 0.3025,
0.3262

43.6645, 0.3572,
0.3392

79.9008, 0.2903,
0.3225

37.0887, 0.3836,
0.3440

91.0798, 0.2843,
0.3274

31.4320, 0.4152,
0.3486

92.0026, 0.2844,
0.3289

■ 26.6532, 0.4520,
0.3526

■ 22.7079, 0.4930,
0.3552

■ 19.5478, 0.5356,
0.3556

■ 17.1192, 0.5756,
0.3531

■ 15.3617, 0.6074,
0.3476

Harmonies

Analogous

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



59.7235, 0.3160, 0.3280



59.7235, 0.3173, 0.3302



59.7235, 0.3174, 0.3321

Triad

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



59.7235, 0.3173, 0.3302



59.7235, 0.3116, 0.3319



59.7235, 0.3093, 0.3249

Complementary

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



59.7235, 0.3173, 0.3302



61.0453, 0.3083, 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.



59.7235, 0.3081, 0.3260



59.7235, 0.3173, 0.3302



59.7235, 0.3095, 0.3300

Square

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



59.7235, 0.3173, 0.3302



59.7235, 0.3141, 0.3331



59.7235, 0.3082, 0.3278



59.7235, 0.3113, 0.3250

Rectangle

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



59.7235, 0.3173, 0.3302



59.7235, 0.3167, 0.3329



59.7235, 0.3082, 0.3278



59.7235, 0.3087, 0.3252

Sweetspot

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



59.7261, 0.3173, 0.3302



98.4939, 0.3143, 0.3294



59.4886, 0.3138, 0.3232



21.0976, 0.3142, 0.3294



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.



59.7261, 0.3173, 0.3302



95.5327, 0.3175, 0.3303



61.1348, 0.3171, 0.3337



13.2260, 0.3187, 0.3306



9.2178, 0.6219, 0.3444



0.6179, 0.5889, 0.3706

Inverse Universe

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



61.0453, 0.3083, 0.3278



97.7507, 0.3080, 0.3277



59.6277, 0.3084, 0.3243



13.6093, 0.3069, 0.3274



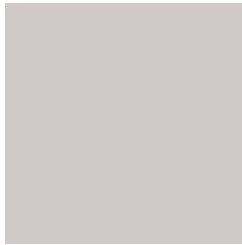
21.5022, 0.2095, 0.2742



1.2949, 0.2126, 0.2853

Previews

White Background



This preview shows how the Yxy color 59.7235, 0.3173, 0.3302 looks on a white background.

Color Contrast Check

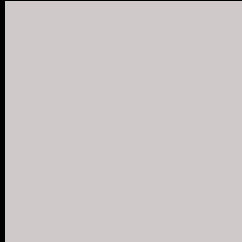
Large Text (above 18pt) WCAG AA × Fail

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 59.7235, 0.3173, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

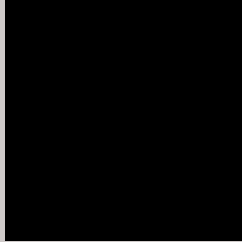
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

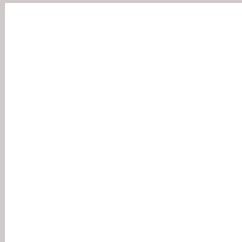
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7235, 0.3173, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.7235, 0.3173, 0.3302.

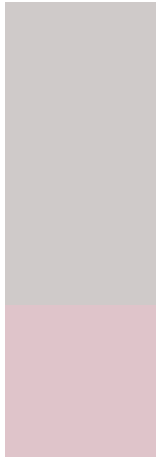


This preview shows how white text looks on a background with the Yxy color 59.7235, 0.3173, 0.3302.

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

59.7235, 0.3173, 0.3302

Protanopia

59.7235, 0.3173, 0.3302

Deuteranopia

59.4321, 0.3299, 0.3223



Tritanopia

59.8217, 0.3082, 0.3107

Trichromacy



Original Color

59.7235, 0.3173, 0.3302

Protanomaly

59.7235, 0.3173, 0.3302

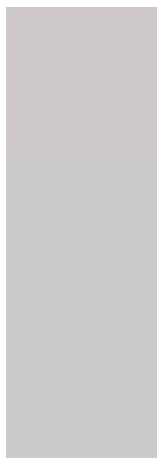
Deuteranomaly

59.4041, 0.3248, 0.3245

Tritanomaly

59.8863, 0.3109, 0.3175

Monochromacy



Original Color

59.7235, 0.3173, 0.3302

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8135, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7235, 0.3173, 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(207, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 201)  
}
```

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, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 201) }
```

Border

The CSS property to change the border of an element to Yxy 59.7235, 0.3173, 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(207, 202, 201) }
```

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

```
.border{ border-color:rgb(207, 202, 201) }
```

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

Here you see how a box with a 4 pixel rgb(207, 202, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7235, 0.3173, 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(207, 202, 201) }
```

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

```
.background{ background-color: rgb(207,  
202, 201) }
```

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