

Converting Colors

Yxy(58.8728, 0.3142, 0.3311)

Have a look what the booklet for
Yxy(58.8728, 0.3142, 0.3311)
contains.

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Color

Yxy(58.9677, 0.3142, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	CACAC8
RGB	202, 202, 200
RGB Percent	79%, 79%, 78%
CMY	0.2077, 0.2079, 0.2158
CMYK	0.00, 0.00, 0.01, 0.21
HSL	59°, 2%, 79%
HSV	59°, 1%, 79%
XYZ	55.9072, 58.9677, 63.0602
YIQ	201.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

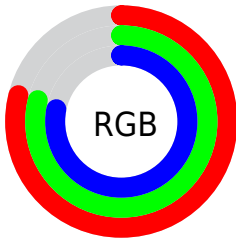
Format	Color
R _Y B	200, 202, 200
Decimal	13290184
CIE Lab	81.27, -0.35, 1.00
CIE LCh	81, 1.062, 109.174
Yxy	58.9677, 0.3142, 0.3314
Android (android.graphics.Color)	4291480264 (0xFFCACAC8)
YUV	201.7720, -0.8736, 0.2000
Hunter-Lab	76.7904, -4.4265, 5.0644

Details

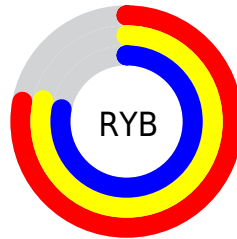
The Yxy color **58.9677, 0.3142, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8547, 0.3112, 0.3266**, and the grayscale version is **58.9217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5510, 0.3146, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **57.9067, 0.3291, 0.3554**, and if you desaturate by 10%, it is **60.1590, 0.3000, 0.3084**.

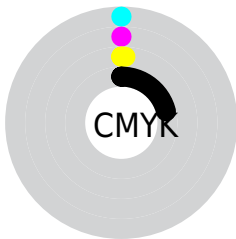
Distribution



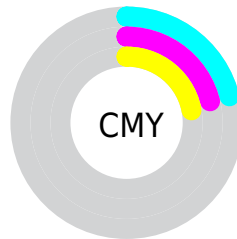
- Red (79%)
- Green (79%)
- Blue (78%)



- Red (78%)
- 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 58.9677, 0.3142, 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 58.9677, 0.3142, 0.3314 by changing the saturation by 10% instead.

■ 58.9677, 0.3142,
0.3314

■ 58.9677, 0.3142,
0.3314

420.7822, 0.3135,
0.3303

■ 42.5871, 0.3144,
0.3317

103.3307, 0.3139,
0.3310

■ 29.5613, 0.3146,
0.3320

132.0819, 0.3139,
0.3308

■ 19.5058, 0.3149,
0.3325

165.7255, 0.3138,
0.3307

■ 12.0364, 0.3152,
0.3331

204.6458, 0.3137,
0.3306

■ 6.7684, 0.3158,
0.3339

249.2272, 0.3136,
0.3305

■ 3.3177, 0.3166,
0.3352

299.8542, 0.3136,

■ 1.2998, 0.3180,

0.3304

356.9110, 0.3135,
0.3303

0.3375

0.1410, 0.3587,
0.4030

0.0000, 0.0000,
0.0000

58.9677, 0.3142,
0.3314

58.9677, 0.3142,
0.3314

57.9067, 0.3291,
0.3554

60.1590, 0.3000,
0.3084

56.9636, 0.3443,
0.3800

61.4777, 0.2868,
0.2869

56.1358, 0.3595,
0.4044

62.5658, 0.2778,
0.2724

55.4176, 0.3742,
0.4278

62.7482, 0.2778,
0.2728

■ 54.8032, 0.3877,
0.4493

■ 62.9310, 0.2779,
0.2733

■ 54.2858, 0.3995,
0.4679

■ 63.1143, 0.2779,
0.2737

■ 53.8581, 0.4091,
0.4828

■ 63.2980, 0.2779,
0.2741

■ 53.5118, 0.4161,
0.4934

■ 63.4822, 0.2779,
0.2745

■ 53.2368, 0.4205,
0.4998

■ 63.6668, 0.2780,
0.2750

Harmonies

Analogous

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



58.9677, 0.3151, 0.3311



58.9677, 0.3142, 0.3314



58.9677, 0.3129, 0.3311

Triad

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



58.9677, 0.3142, 0.3314



58.9677, 0.3101, 0.3278



58.9677, 0.3139, 0.3278

Complementary

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



58.9677, 0.3142, 0.3314



57.8547, 0.3112, 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.



58.9677, 0.3126, 0.3270



58.9677, 0.3142, 0.3314



58.9677, 0.3103, 0.3270

Square

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



58.9677, 0.3142, 0.3314



58.9677, 0.3105, 0.3290



58.9677, 0.3113, 0.3267



58.9677, 0.3150, 0.3290

Rectangle

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



58.9677, 0.3142, 0.3314



58.9677, 0.3120, 0.3306



58.9677, 0.3113, 0.3267



58.9677, 0.3135, 0.3275

Sweetspot

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



58.9702, 0.3142, 0.3314

100.0000, 0.3127, 0.3290



58.0288, 0.3143, 0.3289



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.



58.9702, 0.3142, 0.3314



99.8058, 0.3142, 0.3314



58.8546, 0.3135, 0.3315



13.2629, 0.3141, 0.3312



34.1289, 0.4226, 0.5026



1.7726, 0.4219, 0.5032

Inverse Universe

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



57.8547, 0.3112, 0.3266



97.9340, 0.3112, 0.3266



57.9696, 0.3120, 0.3265



13.0321, 0.3113, 0.3268



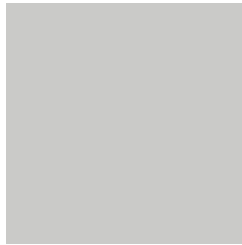
2.8126, 0.1504, 0.0614



0.1574, 0.1517, 0.0660

Previews

White Background



This preview shows how the Yxy color 58.9677, 0.3142, 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 58.9677, 0.3142, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

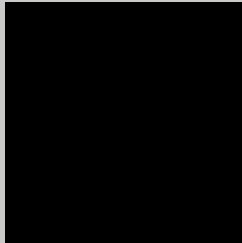
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

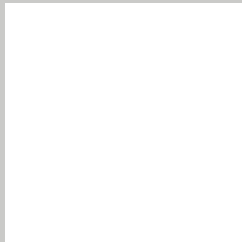
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9677, 0.3142, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 58.9677, 0.3142, 0.3314.



This preview shows how white text looks on a background with the Yxy color 58.9677, 0.3142, 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

58.9677, 0.3142, 0.3314

Protanopia

59.0186, 0.3181, 0.3314

Deuteranopia

58.6194, 0.3291, 0.3222



Tritanopia

59.0522, 0.3051, 0.3116

Trichromacy



Original Color

58.9677, 0.3142, 0.3314

Protanomaly

58.8759, 0.3173, 0.3314

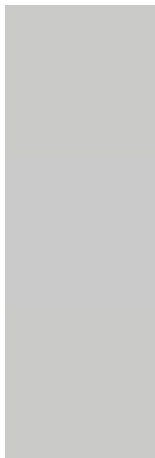
Deuteranomaly

58.9014, 0.3232, 0.3256

Tritanomaly

59.1229, 0.3078, 0.3185

Monochromacy



Original Color

58.9677, 0.3142, 0.3314

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0147, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9677, 0.3142, 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(202, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 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, 202, 200) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 58.9677, 0.3142, 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(202, 202, 200) }
```

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

```
.border{ border-color:rgb(202, 202, 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, 202, 200)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 58.9677, 0.3142, 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(202, 202, 200) }
```

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

```
.background{ background-color: rgb(202,  
202, 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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