

Converting Colors

Yxy(58.4093, 0.3171, 0.3362)

Have a look what the booklet for
Yxy(58.4093, 0.3171, 0.3362)
contains.

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Color

Yxy(58.1309, 0.3171, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	C9C9C3
RGB	201, 201, 195
RGB Percent	79%, 79%, 76%
CMY	0.2116, 0.2118, 0.2354
CMYK	0.00, 0.00, 0.03, 0.21
HSL	60°, 5%, 78%
HSV	60°, 3%, 79%
XYZ	54.8284, 58.1309, 59.9464
YIQ	200.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

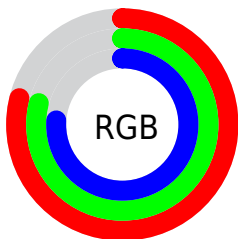
Format	Color
RYB	195, 201, 195
Decimal	13224387
CIELab	80.81, -1.07, 3.00
CIElCh	81, 3.181, 109.621
Yxy	58.1309, 0.3171, 0.3362
Android (android.graphics.Color)	4291414467 (0xFFC9C9C3)
YUV	200.3160, -2.6208, 0.5999
Hunter-Lab	76.2436, -5.0632, 6.7539

Details

The Yxy color **58.1309, 0.3171, 0.3362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8534, 0.3083, 0.3217**, and the grayscale version is **57.9824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **28.9936, 0.3185, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **57.2315, 0.3320, 0.3607**, and if you desaturate by 10%, it is **59.1578, 0.3028, 0.3127**.

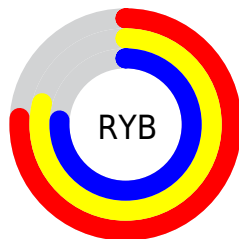
Distribution



Red (79%)

Green (79%)

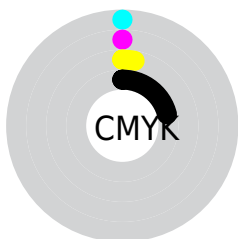
Blue (76%)



Red (76%)

Yellow (79%)

Blue (76%)

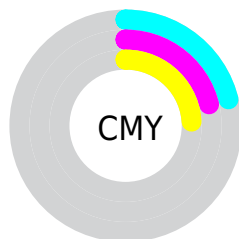


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1309, 0.3171, 0.3362 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 58.1309, 0.3171, 0.3362 by changing the saturation by 10% instead.

■ 58.1309, 0.3171,
0.3362

■ 58.1309, 0.3171,
0.3362

■ 417.6735, 0.3150,
0.3327

■ 41.9139, 0.3176,
0.3370

■ 102.1135, 0.3164,
0.3350

■ 29.0339, 0.3182,
0.3381

■ 130.6478, 0.3161,
0.3345

■ 19.1064, 0.3191,
0.3394

■ 164.0567, 0.3158,
0.3341

■ 11.7472, 0.3202,
0.3413

■ 202.7246, 0.3156,
0.3337

■ 6.5718, 0.3217,
0.3439

■ 247.0358, 0.3154,
0.3334

■ 3.1958, 0.3242,
0.3480

■ 297.3748, 0.3153,

■ 1.2348, 0.3284,

0.3332

354.1259, 0.3151,
0.3329

0.3553

0.0898, 0.3977,
0.6023

0.0000, 0.0000,
0.0000

58.1309, 0.3171,
0.3362

58.1309, 0.3171,
0.3362

57.2315, 0.3320,
0.3607

59.1578, 0.3028,
0.3127

56.4472, 0.3472,
0.3856

60.3093, 0.2893,
0.2905

55.7753, 0.3622,
0.4101

61.5736, 0.2770,
0.2702

55.2103, 0.3764,
0.4334

61.6267, 0.2770,
0.2704

■ 54.7461, 0.3894,
0.4546

■ 61.6800, 0.2770,
0.2705

■ 54.3760, 0.4004,
0.4726

■ 61.7332, 0.2770,
0.2706

■ 54.0927, 0.4092,
0.4868

■ 61.7865, 0.2770,
0.2707

■ 53.8876, 0.4153,
0.4967

■ 61.8398, 0.2770,
0.2709

■ 53.7504, 0.4189,
0.5023

■ 61.8932, 0.2770,
0.2710

Harmonies

Analogous

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



58.1309, 0.3199, 0.3352



58.1309, 0.3171, 0.3362



58.1309, 0.3131, 0.3352

Triad

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



58.1309, 0.3171, 0.3362



58.1309, 0.3047, 0.3254



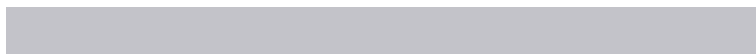
58.1309, 0.3164, 0.3255

Complementary

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



58.1309, 0.3171, 0.3362



54.8534, 0.3083, 0.3217

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.



58.1309, 0.3123, 0.3229



58.1309, 0.3171, 0.3362



58.1309, 0.3056, 0.3228

Square

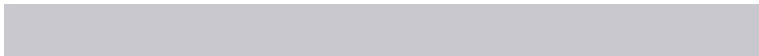
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.1309, 0.3171, 0.3362



58.1309, 0.3060, 0.3289



58.1309, 0.3083, 0.3219



58.1309, 0.3195, 0.3290

Rectangle

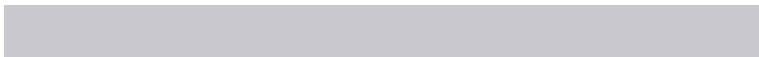
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1309, 0.3171, 0.3362



58.1309, 0.3103, 0.3336



58.1309, 0.3083, 0.3219



58.1309, 0.3151, 0.3245

Sweetspot

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



58.1334, 0.3171, 0.3362



99.8276, 0.3142, 0.3314



55.3860, 0.3175, 0.3289



21.3690, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



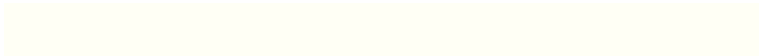
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1334, 0.3171, 0.3362



99.3235, 0.3186, 0.3387



57.7476, 0.3148, 0.3363



12.4986, 0.3196, 0.3403



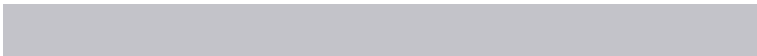
33.7459, 0.4203, 0.5045



1.6013, 0.4201, 0.5047

Inverse Universe

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



54.8534, 0.3083, 0.3217



91.8153, 0.3067, 0.3191



55.2316, 0.3106, 0.3217



11.4101, 0.3057, 0.3175



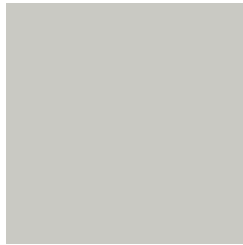
2.6716, 0.1501, 0.0604



0.1299, 0.1505, 0.0619

Previews

White Background



This preview shows how the Yxy color 58.1309, 0.3171, 0.3362 looks on a white background.

Color Contrast Check

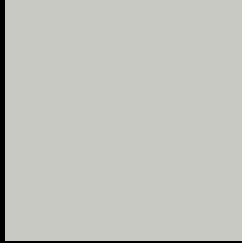
Large Text (above 18pt) WCAG AA × Fail

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 58.1309, 0.3171, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

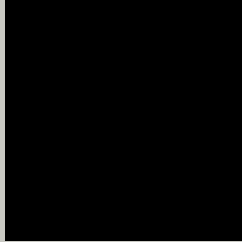
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

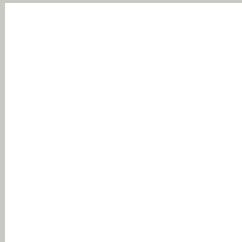
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1309, 0.3171, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 58.1309, 0.3171, 0.3362.

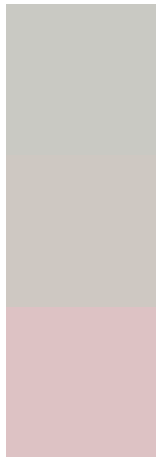


This preview shows how white text looks on a background with the Yxy color 58.1309, 0.3171, 0.3362.

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

58.1309, 0.3171, 0.3362

Protanopia

58.3254, 0.3218, 0.3361

Deuteranopia

57.9412, 0.3332, 0.3268



Tritanopia

58.0806, 0.3059, 0.3104

Trichromacy



Original Color

58.1309, 0.3171, 0.3362

Protanomaly

58.0410, 0.3202, 0.3362

Deuteranomaly

58.2142, 0.3271, 0.3302

Tritanomaly

58.0484, 0.3100, 0.3196

Monochromacy



Original Color

58.1309, 0.3171, 0.3362

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6651, 0.3142, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1309, 0.3171, 0.3362 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(201, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 195)  
}
```

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(201, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.1309, 0.3171, 0.3362 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(201, 201, 195) }
```

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

```
.border{ border-color:rgb(201, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1309, 0.3171, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 195) }
```

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

```
.background{ background-color: rgb(201,  
201, 195) }
```

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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