

Converting Colors

$Y_{xy}(58.3755, 0.3132, 0.3364)$

Have a look what the booklet for
Yxy(58.3755, 0.3132, 0.3364)
contains.

Yxy(58.0969, 0.3131, 0.3362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.0969, 0.3131, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	C5CAC4
RGB	197, 202, 196
RGB Percent	77%, 79%, 77%
CMY	0.2276, 0.2078, 0.2313
CMYK	0.03, 0.00, 0.03, 0.21
HSL	111°, 5%, 78%
HSV	111°, 3%, 79%
XYZ	54.1051, 58.0969, 60.6026
YIQ	199.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

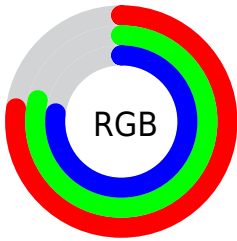
Format	Color
RYB	196, 202, 201
Decimal	12962500
CIELab	80.79, -2.83, 2.37
CIElCh	81, 3.687, 140.029
Yxy	58.0969, 0.3131, 0.3362
Android (android.graphics.Color)	4291152580 (0xFFC5CAC4)
YUV	199.8210, -1.8838, -2.4740
Hunter-Lab	76.2213, -6.6805, 6.2142

Details

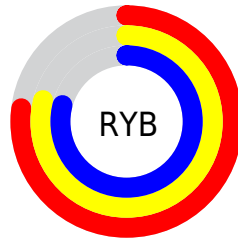
The Yxy color **58.0969, 0.3131, 0.3362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1859, 0.3123, 0.3219**, and the grayscale version is **57.6543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6827, 0.3132, 0.3309**, and **28.9724, 0.3133, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **55.0681, 0.3143, 0.3625**, and if you desaturate by 10%, it is **61.5149, 0.3118, 0.3130**.

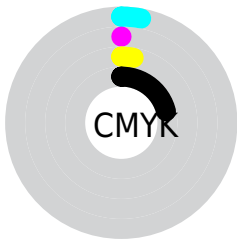
Distribution



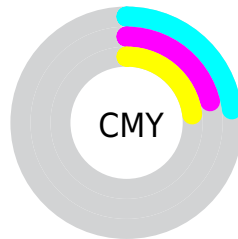
- Red (77%)
- Green (79%)
- Blue (77%)



- Red (77%)
- Yellow (79%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0969, 0.3131, 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 58.0969, 0.3131, 0.3362 by changing the saturation by 10% instead.

■ 58.0969, 0.3131,
0.3362

■ 58.0969, 0.3131,
0.3362

417.5469, 0.3129,
0.3327

■ 41.8866, 0.3131,
0.3370

102.0640, 0.3130,
0.3350

■ 29.0125, 0.3132,
0.3381

130.5895, 0.3130,
0.3345

■ 19.0903, 0.3132,
0.3395

163.9888, 0.3130,
0.3341

■ 11.7355, 0.3133,
0.3413

202.6464, 0.3130,
0.3337

■ 6.5638, 0.3134,
0.3440

246.9466, 0.3130,
0.3334

■ 3.1909, 0.3136,
0.3482

297.2738, 0.3130,

■ 1.2322, 0.3138,

0.3332

354.0124, 0.3129,
0.3329

0.3556

0.0877, 0.1412,
0.8588

0.0000, 0.0000,
0.0000

58.0969, 0.3131,
0.3362

58.0969, 0.3131,
0.3362

55.0681, 0.3143,
0.3625

61.5149, 0.3118,
0.3130

52.4073, 0.3153,
0.3918

65.3273, 0.3104,
0.2926

50.1029, 0.3159,
0.4238

69.4435, 0.3101,
0.2764

48.1394, 0.3160,
0.4575

70.7274, 0.3151,
0.2772

■ 46.5004, 0.3155,
0.4917

■ 45.1683, 0.3142,
0.5243

■ 44.1234, 0.3122,
0.5529

■ 43.3440, 0.3095,
0.5753

■ 42.8047, 0.3063,
0.5901

Harmonies

Analogous

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



58.0969, 0.3177, 0.3373



58.0969, 0.3131, 0.3362



58.0969, 0.3084, 0.3331

Triad

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



58.0969, 0.3131, 0.3362



58.0969, 0.3045, 0.3218



58.0969, 0.3206, 0.3291

Complementary

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



58.0969, 0.3131, 0.3362



56.1859, 0.3123, 0.3219

Split Complementary

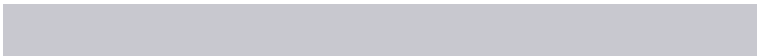
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.0969, 0.3170, 0.3250



58.0969, 0.3131, 0.3362



58.0969, 0.3077, 0.3208

Square

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



58.0969, 0.3131, 0.3362



58.0969, 0.3034, 0.3247



58.0969, 0.3123, 0.3220



58.0969, 0.3221, 0.3332

Rectangle

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



58.0969, 0.3131, 0.3362



58.0969, 0.3058, 0.3303



58.0969, 0.3123, 0.3220



58.0969, 0.3196, 0.3277

Sweetspot

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



58.0994, 0.3131, 0.3362



99.4310, 0.3128, 0.3314



58.3259, 0.3171, 0.3350



21.2883, 0.3128, 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.



58.0994, 0.3131, 0.3362



97.7642, 0.3132, 0.3389



58.0652, 0.3110, 0.3338



12.9437, 0.3133, 0.3406



27.3995, 0.3049, 0.5961



1.4408, 0.3162, 0.5872

Inverse Universe

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



56.1859, 0.3123, 0.3219



93.3632, 0.3122, 0.3192



56.2219, 0.3145, 0.3243



12.2687, 0.3121, 0.3176



8.3090, 0.2821, 0.1327



0.4531, 0.2901, 0.1372

Previews

White Background



This preview shows how the Yxy color 58.0969, 0.3131, 0.3362 looks on a white background.

Color Contrast Check

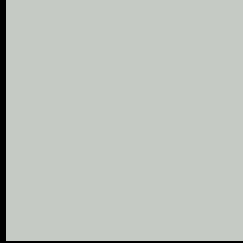
Large Text (above 18pt) WCAG AA × Fail

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 58.0969, 0.3131, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

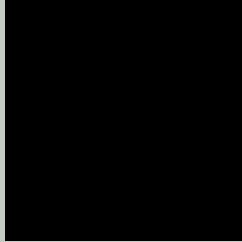
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

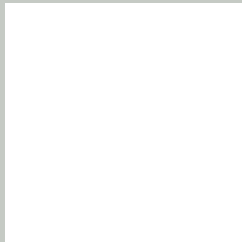
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0969, 0.3131, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 58.0969, 0.3131, 0.3362.



This preview shows how white text looks on a background with the Yxy color 58.0969, 0.3131, 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

58.0969, 0.3131, 0.3362

Protanopia

58.2278, 0.3203, 0.3349

Deuteranopia

58.0329, 0.3316, 0.3245



Tritanopia

58.0325, 0.3021, 0.3102

Trichromacy



Original Color

58.0969, 0.3131, 0.3362

Protanomaly

58.2700, 0.3178, 0.3362

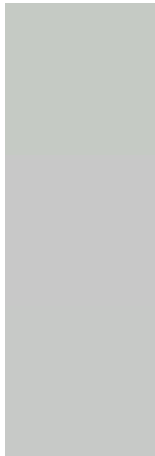
Deuteranomaly

57.9608, 0.3247, 0.3290

Tritanomaly

58.0047, 0.3062, 0.3195

Monochromacy



Original Color

58.0969, 0.3131, 0.3362

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0389, 0.3126, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0969, 0.3131, 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(197, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 202, 196)  
}
```

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(197, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 202, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.0969, 0.3131, 0.3362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

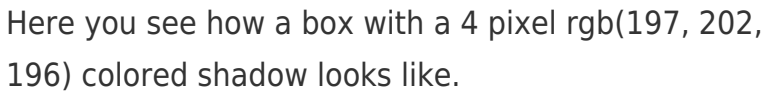
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 202, 196) }
```

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

```
.border{ border-color:rgb(197, 202, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 202, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 202, 196); box-shadow:4px 4px 4px 4px rgb(197, 202, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0969, 0.3131, 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(197, 202, 196) }
```

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

```
.background{ background-color: rgb(197,  
202, 196) }
```

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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