

Converting Colors

$Yxy(59.2925, 0.3205, 0.3461)$

Have a look what the booklet for
Yxy(59.2925, 0.3205, 0.3461)
contains.

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Color

Yxy(59.3209, 0.3204, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	C9CCBE
RGB	201, 204, 190
RGB Percent	79%, 80%, 75%
CMY	0.2120, 0.1999, 0.2549
CMYK	0.02, 0.00, 0.07, 0.20
HSL	73°, 12%, 77%
HSV	73°, 7%, 80%
XYZ	54.9636, 59.3209, 57.2623
YIQ	201.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

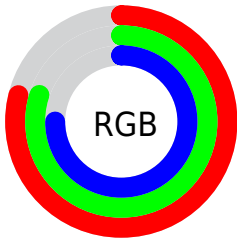
Format	Color
RYB	190, 204, 193
Decimal	13225150
CIELab	81.47, -3.55, 6.61
CIELCh	81, 7.507, 118.263
Yxy	59.3209, 0.3204, 0.3458
Android (android.graphics.Color)	4291415230 (0xFFC9CCBE)
YUV	201.5070, -5.6730, -0.4446
Hunter-Lab	77.0201, -7.4027, 9.8335

Details

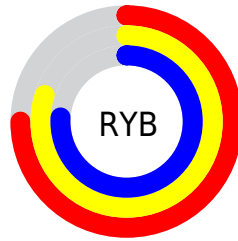
The Yxy color **59.3209, 0.3204, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5290, 0.3047, 0.3119**, and the grayscale version is **58.7712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **29.8219, 0.3220, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **57.8834, 0.3317, 0.3714**, and if you desaturate by 10%, it is **60.9064, 0.3093, 0.3216**.

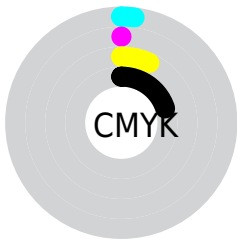
Distribution



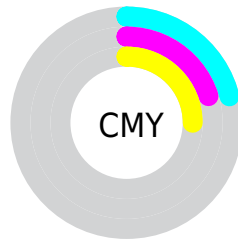
- Red (79%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3209, 0.3204, 0.3458 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 59.3209, 0.3204, 0.3458 by changing the saturation by 10% instead.

■ 59.3209, 0.3204,
0.3458

■ 59.3209, 0.3204,
0.3458

422.0901, 0.3167,
0.3377

■ 42.8715, 0.3213,
0.3477

■ 103.8439, 0.3191,
0.3429

■ 29.7843, 0.3223,
0.3502

132.6863, 0.3186,
0.3418

■ 19.6749, 0.3237,
0.3534

166.4285, 0.3182,
0.3409

■ 12.1590, 0.3256,
0.3578

205.4549, 0.3178,
0.3401

■ 6.8520, 0.3282,
0.3640

250.1498, 0.3175,
0.3393

■ 3.3697, 0.3322,
0.3736

300.8977, 0.3172,

■ 1.3277, 0.3388,

0.3387

358.0830, 0.3170,
0.3382

0.3906

0.1625, 0.2940,
0.7060

0.0000, 0.0000,
0.0000

59.3209, 0.3204,
0.3458

59.3209, 0.3204,
0.3458

57.8834, 0.3317,
0.3714

60.9064, 0.3093,
0.3216

56.5810, 0.3430,
0.3978

62.6371, 0.2986,
0.2991

55.4104, 0.3537,
0.4245

64.5205, 0.2886,
0.2784

54.3655, 0.3635,
0.4504

65.4452, 0.2893,
0.2751

■ 53.4398, 0.3717,
0.4744

■ 66.1460, 0.2924,
0.2756

■ 52.6259, 0.3778,
0.4956

■ 66.8656, 0.2955,
0.2761

■ 51.9155, 0.3816,
0.5128

■ 67.6039, 0.2986,
0.2766

■ 51.2990, 0.3827,
0.5255

■ 68.3612, 0.3018,
0.2771

■ 50.7637, 0.3815,
0.5337

■ 69.1377, 0.3050,
0.2776

Harmonies

Analogous

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



59.3209, 0.3281, 0.3447



59.3209, 0.3204, 0.3458



59.3209, 0.3107, 0.3423

Triad

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



59.3209, 0.3204, 0.3458



59.3209, 0.2941, 0.3183



59.3209, 0.3238, 0.3230

Complementary

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



59.3209, 0.3204, 0.3458



52.5290, 0.3047, 0.3119

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.



59.3209, 0.3145, 0.3163



59.3209, 0.3204, 0.3458



59.3209, 0.2974, 0.3135

Square

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



59.3209, 0.3204, 0.3458



59.3209, 0.2956, 0.3262



59.3209, 0.3049, 0.3128



59.3209, 0.3301, 0.3314

Rectangle

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



59.3209, 0.3204, 0.3458



59.3209, 0.3045, 0.3377



59.3209, 0.3049, 0.3128



59.3209, 0.3209, 0.3205

Sweetspot

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



59.3235, 0.3204, 0.3458



99.4649, 0.3150, 0.3339



54.7111, 0.3240, 0.3327



21.2952, 0.3149, 0.3336



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.



59.3235, 0.3204, 0.3458



97.9184, 0.3218, 0.3489



58.3776, 0.3150, 0.3461



12.9681, 0.3232, 0.3521



31.8871, 0.3814, 0.5354



1.6765, 0.3892, 0.5292

Inverse Universe

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



52.5290, 0.3047, 0.3119



84.7696, 0.3032, 0.3087



53.4692, 0.3103, 0.3122



10.9603, 0.3016, 0.3053



3.1238, 0.1620, 0.0666



0.1956, 0.1818, 0.0775

Previews

White Background



This preview shows how the Yxy color 59.3209, 0.3204, 0.3458 looks on a white background.

Color Contrast Check

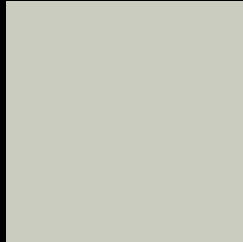
Large Text (above 18pt) WCAG AA × Fail

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 59.3209, 0.3204, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

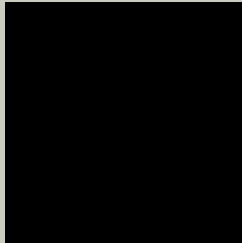
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

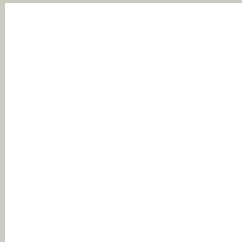
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3209, 0.3204, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 59.3209, 0.3204, 0.3458.



This preview shows how white text looks on a background with the Yxy color 59.3209, 0.3204, 0.3458.

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

59.3209, 0.3204, 0.3458

Protanopia

59.4705, 0.3277, 0.3443

Deuteranopia

59.0047, 0.3403, 0.3325



Tritanopia

59.2456, 0.3052, 0.3105

Trichromacy



Original Color

59.3209, 0.3204, 0.3458

Protanomaly

59.5078, 0.3252, 0.3456

Deuteranomaly

58.9015, 0.3332, 0.3371

Tritanomaly

59.1157, 0.3107, 0.3220

Monochromacy



Original Color

59.3209, 0.3204, 0.3458

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3456, 0.3155, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3209, 0.3204, 0.3458 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, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 190)  
}
```

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, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 190) }
```

Border

The CSS property to change the border of an element to Yxy 59.3209, 0.3204, 0.3458 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, 204, 190) }
```

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

```
.border{ border-color:rgb(201, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3209, 0.3204, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 190) }
```

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

```
.background{ background-color: rgb(201,  
204, 190) }
```

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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