

Converting Colors

Yxy(58.8615, 0.3158, 0.3204)

Have a look what the booklet for
Yxy(58.8615, 0.3158, 0.3204)
contains.

Yxy(59.0047, 0.3162, 0.3209)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.0047, 0.3162, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	D2C7CE
RGB	210, 199, 206
RGB Percent	82%, 78%, 81%
CMY	0.1765, 0.2196, 0.1921
CMYK	0.00, 0.05, 0.02, 0.18
HSL	322°, 11%, 80%
HSV	322°, 5%, 82%
XYZ	58.1405, 59.0047, 66.7273
YIQ	203.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

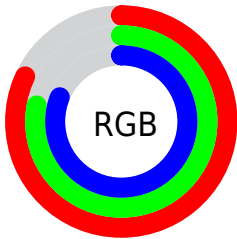
Format	Color
R_{YB}	210, 199, 206
Decimal	13813710
CIE Lab	81.29, 5.07, -2.13
CIE LCh	81, 5.499, 337.185
Yxy	59.0047, 0.3162, 0.3209
Android (android.graphics.Color)	4292003790 (0xFFD2C7CE)
YUV	203.0870, 1.4361, 6.0627
Hunter-Lab	76.8145, 0.6803, 2.2660

Details

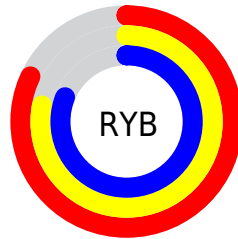
The Yxy color **59.0047, 0.3162, 0.3209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5399, 0.3094, 0.3372**, and the grayscale version is **59.7680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5857, 0.3174, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **49.6411, 0.3238, 0.3048**, and if you desaturate by 10%, it is **69.7245, 0.3098, 0.3362**.

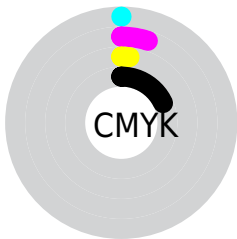
Distribution



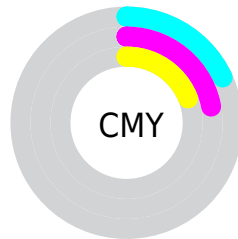
- Red (82%)
- Green (78%)
- Blue (81%)



- Red (82%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0047, 0.3162, 0.3209 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 59.0047, 0.3162, 0.3209 by changing the saturation by 10% instead.

■ 59.0047, 0.3162,
0.3209

■ 59.0047, 0.3162,
0.3209

420.9193, 0.3145,
0.3248

■ 42.6169, 0.3166,
0.3200

103.3845, 0.3156,
0.3223

■ 29.5846, 0.3171,
0.3188

132.1453, 0.3154,
0.3228

■ 19.5235, 0.3177,
0.3173

165.7992, 0.3152,
0.3232

■ 12.0492, 0.3186,
0.3153

204.7306, 0.3150,
0.3236

■ 6.7772, 0.3198,
0.3125

249.3239, 0.3149,
0.3240

■ 3.3231, 0.3216,
0.3083

299.9636, 0.3148,

■ 1.3027, 0.3247,

0.3243

0.3010

357.0339, 0.3146,
0.3245

0.1433, 0.3670,
0.2023

0.0000, 0.0000,
0.0000

59.0047, 0.3162,
0.3209

59.0047, 0.3162,
0.3209

49.6411, 0.3238,
0.3048

69.7245, 0.3098,
0.3362

41.5716, 0.3328,
0.2881

81.8444, 0.3045,
0.3504

34.7405, 0.3433,
0.2714

90.8649, 0.3000,
0.3566

29.0851, 0.3554,
0.2552

91.2977, 0.2959,
0.3485

■ 24.5372, 0.3691,
0.2405

■ 91.7494, 0.2918,
0.3404

■ 21.0215, 0.3840,
0.2284

■ 92.2200, 0.2878,
0.3325

■ 18.4531, 0.3999,
0.2200

■ 92.4395, 0.2860,
0.3289

■ 16.7338, 0.4162,
0.2163

■ 15.7433, 0.4321,
0.2177

Harmonies

Analogous

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



59.0047, 0.3090, 0.3175



59.0047, 0.3162, 0.3209



59.0047, 0.3225, 0.3264

Triad

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



59.0047, 0.3162, 0.3209



59.0047, 0.3226, 0.3411



59.0047, 0.2994, 0.3251

Complementary

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



59.0047, 0.3162, 0.3209



62.5399, 0.3094, 0.3372

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.



59.0047, 0.3030, 0.3316



59.0047, 0.3162, 0.3209



59.0047, 0.3163, 0.3409

Square

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



59.0047, 0.3162, 0.3209



59.0047, 0.3262, 0.3381



59.0047, 0.3092, 0.3374



59.0047, 0.2994, 0.3198

Rectangle

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



59.0047, 0.3162, 0.3209



59.0047, 0.3254, 0.3306



59.0047, 0.3092, 0.3374



59.0047, 0.3003, 0.3272

Sweetspot

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



59.0073, 0.3162, 0.3209



96.6709, 0.3140, 0.3259



58.1786, 0.3078, 0.3161



20.7264, 0.3140, 0.3261



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.



59.0073, 0.3162, 0.3209



90.2726, 0.3168, 0.3196



58.7510, 0.3202, 0.3271



12.5257, 0.3172, 0.3188



9.4291, 0.4375, 0.2184



0.5421, 0.4106, 0.2036

Inverse Universe

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



59.0073, 0.3162, 0.3209



90.2726, 0.3168, 0.3196



62.8000, 0.3057, 0.3309



12.5257, 0.3172, 0.3188



9.4291, 0.4375, 0.2184



0.5421, 0.4106, 0.2036

Previews

White Background



This preview shows how the Yxy color 59.0047, 0.3162, 0.3209 looks on a white background.

Color Contrast Check

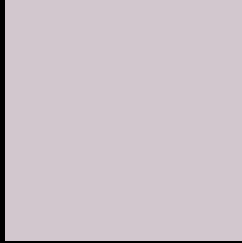
Large Text (above 18pt) WCAG AA × Fail

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 59.0047, 0.3162, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

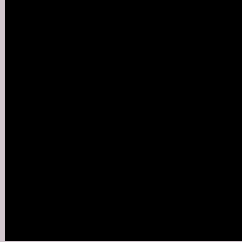
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

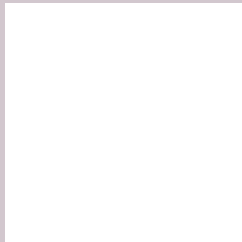
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0047, 0.3162, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 59.0047, 0.3162, 0.3209.



This preview shows how white text looks on a background with the Yxy color 59.0047, 0.3162, 0.3209.

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

59.0047, 0.3162, 0.3209

Protanopia

59.1157, 0.3107, 0.3220

Deuteranopia

59.0449, 0.3228, 0.3166



Tritanopia

59.0411, 0.3120, 0.3118

Trichromacy



Original Color

59.0047, 0.3162, 0.3209

Protanomaly

58.9354, 0.3123, 0.3208

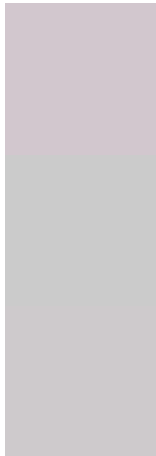
Deuteranomaly

59.0364, 0.3204, 0.3176

Tritanomaly

58.8902, 0.3141, 0.3152

Monochromacy



Original Color

59.0047, 0.3162, 0.3209

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7225, 0.3144, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0047, 0.3162, 0.3209 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(210, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 206)  
}
```

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(210, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 206) }
```

Border

The CSS property to change the border of an element to Yxy 59.0047, 0.3162, 0.3209 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(210, 199, 206) }
```

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

```
.border{ border-color:rgb(210, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 199, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 199, 206); box-shadow:4px 4px 4px 4px rgb(210, 199, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0047, 0.3162, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 206) }
```

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

```
.background{ background-color: rgb(210,  
199, 206) }
```

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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