

Converting Colors

$Yxy(59.1905, 0.3162, 0.3257)$

Have a look what the booklet for
Yxy(59.1905, 0.3162, 0.3257)
contains.

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Color

Yxy(59.0302, 0.3168, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8CB
RGB	208, 200, 203
RGB Percent	82%, 78%, 80%
CMY	0.1842, 0.2157, 0.2039
CMYK	0.00, 0.04, 0.02, 0.18
HSL	338°, 8%, 80%
HSV	338°, 4%, 82%
XYZ	57.4524, 59.0302, 64.8697
YIQ	202.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

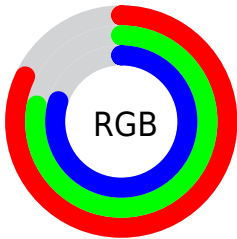
Format	Color
R _Y B	208, 200, 203
Decimal	13682891
CIE Lab	81.31, 3.33, -0.52
CIE LCh	81, 3.368, 351.171
Yxy	59.0302, 0.3168, 0.3255
Android (android.graphics.Color)	4291872971 (0xFFD0C8CB)
YUV	202.7340, 0.1311, 4.6183
Hunter-Lab	76.8311, -0.9765, 3.7223

Details

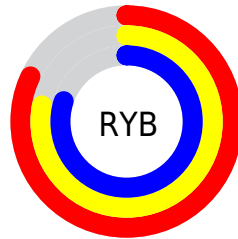
The Yxy color **59.0302, 0.3168, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8129, 0.3088, 0.3325**, and the grayscale version is **59.5465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5977, 0.3182, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **49.4495, 0.3290, 0.3160**, and if you desaturate by 10%, it is **69.9790, 0.3068, 0.3344**.

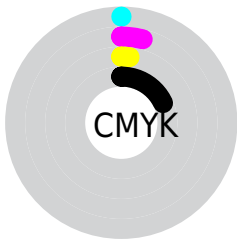
Distribution



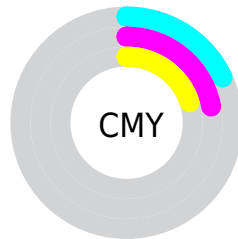
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0302, 0.3168, 0.3255 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 59.0302, 0.3168, 0.3255 by changing the saturation by 10% instead.

■ 59.0302, 0.3168,
0.3255

■ 59.0302, 0.3168,
0.3255

421.0138, 0.3148,
0.3272

■ 42.6374, 0.3173,
0.3251

103.4216, 0.3161,
0.3261

■ 29.6007, 0.3179,
0.3246

132.1889, 0.3158,
0.3263

■ 19.5357, 0.3186,
0.3239

165.8500, 0.3156,
0.3265

■ 12.0580, 0.3196,
0.3231

204.7891, 0.3154,
0.3267

■ 6.7832, 0.3211,
0.3218

249.3906, 0.3152,
0.3268

■ 3.3269, 0.3233,
0.3199

300.0390, 0.3151,

■ 1.3047, 0.3272,

0.3270

357.1186, 0.3150,
0.3271

0.3166

0.1448, 0.3926,
0.2598

0.0000, 0.0000,
0.0000

59.0302, 0.3168,
0.3255

59.0302, 0.3168,
0.3255

49.4495, 0.3290,
0.3160

69.9790, 0.3068,
0.3344

41.1754, 0.3438,
0.3061

82.3391, 0.2987,
0.3425

34.1531, 0.3617,
0.2959

91.3457, 0.2917,
0.3425

28.3207, 0.3832,
0.2860

92.1540, 0.2849,
0.3289

■ 23.6112, 0.4085,
0.2772

■ 19.9509, 0.4373,
0.2705

■ 17.2571, 0.4688,
0.2671

■ 15.4344, 0.5012,
0.2683

■ 14.3677, 0.5322,
0.2746

Harmonies

Analogous

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



59.0302, 0.3125, 0.3227



59.0302, 0.3168, 0.3255



59.0302, 0.3200, 0.3292

Triad

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



59.0302, 0.3168, 0.3255



59.0302, 0.3171, 0.3366



59.0302, 0.3043, 0.3250

Complementary

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



59.0302, 0.3168, 0.3255



61.8129, 0.3088, 0.3325

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.



59.0302, 0.3055, 0.3287



59.0302, 0.3168, 0.3255



59.0302, 0.3129, 0.3355

Square

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



59.0302, 0.3168, 0.3255



59.0302, 0.3202, 0.3356



59.0302, 0.3086, 0.3326



59.0302, 0.3053, 0.3224

Rectangle

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



59.0302, 0.3168, 0.3255



59.0302, 0.3211, 0.3318



59.0302, 0.3086, 0.3326



59.0302, 0.3044, 0.3262

Sweetspot

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



59.0328, 0.3168, 0.3255



98.2816, 0.3138, 0.3281



58.8340, 0.3108, 0.3196



21.0544, 0.3137, 0.3281



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.



59.0328, 0.3168, 0.3255



91.6305, 0.3181, 0.3244



59.3259, 0.3189, 0.3301



12.6957, 0.3188, 0.3239



8.7179, 0.5462, 0.2783



0.5027, 0.4961, 0.2507

Inverse Universe

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



59.0328, 0.3168, 0.3255



91.6305, 0.3181, 0.3244



61.5041, 0.3068, 0.3279



12.6957, 0.3188, 0.3239



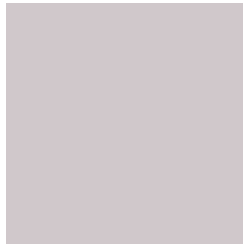
8.7179, 0.5462, 0.2783



0.5027, 0.4961, 0.2507

Previews

White Background



This preview shows how the Yxy color 59.0302, 0.3168, 0.3255 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 59.0302, 0.3168, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

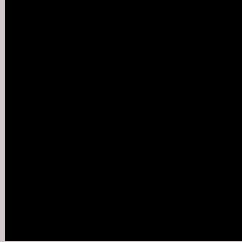
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

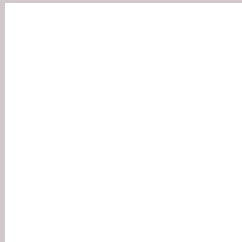
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0302, 0.3168, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 59.0302, 0.3168, 0.3255.

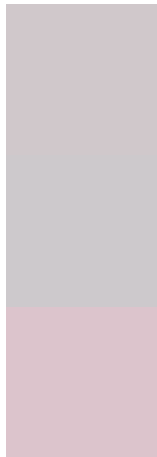


This preview shows how white text looks on a background with the Yxy color 59.0302, 0.3168, 0.3255.

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

59.0302, 0.3168, 0.3255

Protanopia

59.1121, 0.3137, 0.3255

Deuteranopia

59.0551, 0.3259, 0.3200



Tritanopia

58.9448, 0.3105, 0.3107

Trichromacy



Original Color

59.0302, 0.3168, 0.3255

Protanomaly

59.2547, 0.3144, 0.3255

Deuteranomaly

58.8911, 0.3226, 0.3210

Tritanomaly

59.0553, 0.3125, 0.3163

Monochromacy



Original Color

59.0302, 0.3168, 0.3255

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5320, 0.3143, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0302, 0.3168, 0.3255 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(208, 200, 203) looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 203)  
}
```

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(208, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 203) }
```

Border

The CSS property to change the border of an element to Yxy 59.0302, 0.3168, 0.3255 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(208, 200, 203) }
```

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

```
.border{ border-color:rgb(208, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0302, 0.3168, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 203) }
```

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

```
.background{ background-color: rgb(208,  
200, 203) }
```

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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