

Converting Colors

$Yxy(59.0327, 0.3181, 0.3285)$

Have a look what the booklet for
Yxy(59.0327, 0.3181, 0.3285)
contains.

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Color

Yxy(58.9355, 0.3182, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8C9
RGB	208, 200, 201
RGB Percent	82%, 78%, 79%
CMY	0.1846, 0.2156, 0.2118
CMYK	0.00, 0.04, 0.03, 0.18
HSL	353°, 8%, 80%
HSV	353°, 4%, 82%
XYZ	57.1921, 58.9355, 63.6086
YIQ	202.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

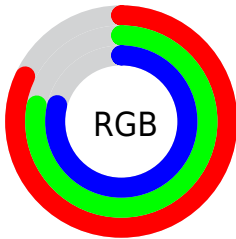
Format	Color
R _Y B	208, 200, 201
Decimal	13682889
CIE Lab	81.26, 2.91, 0.49
CIE LCh	81, 2.954, 9.570
Yxy	58.9355, 0.3182, 0.3279
Android (android.graphics.Color)	4291872969 (0xFFD0C8C9)
YUV	202.5060, -0.7425, 4.8182
Hunter-Lab	76.7695, -1.3668, 4.6129

Details

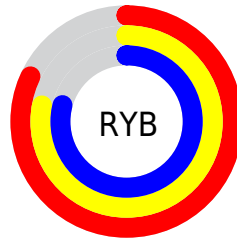
The Yxy color **58.9355, 0.3182, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8632, 0.3075, 0.3301**, and the grayscale version is **59.3931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5344, 0.3201, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **49.1412, 0.3350, 0.3249**, and if you desaturate by 10%, it is **70.1471, 0.3047, 0.3307**.

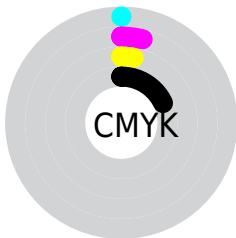
Distribution



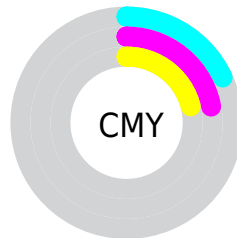
- Red (82%)
- Green (78%)
- Blue (79%)



- Red (82%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9355, 0.3182, 0.3279 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 58.9355, 0.3182, 0.3279 by changing the saturation by 10% instead.

■ 58.9355, 0.3182,
0.3279

■ 58.9355, 0.3182,
0.3279

420.6628, 0.3156,
0.3284

■ 42.5612, 0.3188,
0.3278

103.2839, 0.3173,
0.3281

■ 29.5410, 0.3196,
0.3276

132.0268, 0.3169,
0.3282

■ 19.4904, 0.3206,
0.3274

165.6614, 0.3166,
0.3282

■ 12.0252, 0.3220,
0.3271

204.5720, 0.3163,
0.3283

■ 6.7608, 0.3240,
0.3267

249.1430, 0.3161,
0.3283

■ 3.3130, 0.3271,
0.3260

299.7589, 0.3159,

■ 1.2972, 0.3323,

0.3284

0.3249

356.8041, 0.3157,
0.3284

0.1391, 0.4425,
0.3027

0.0000, 0.0000,
0.0000

58.9355, 0.3182,
0.3279

58.9355, 0.3182,
0.3279

49.1412, 0.3350,
0.3249

70.1471, 0.3047,
0.3307

40.7005, 0.3559,
0.3216

82.8214, 0.2937,
0.3333

33.5561, 0.3817,
0.3184

92.1393, 0.2849,
0.3289

27.6438, 0.4132,
0.3153

■ 22.8937, 0.4506,
0.3129

■ 19.2290, 0.4929,
0.3115

■ 16.5638, 0.5374,
0.3119

■ 14.7988, 0.5791,
0.3146

■ 13.8146, 0.6118,
0.3194

Harmonies

Analogous

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



58.9355, 0.3149, 0.3248



58.9355, 0.3182, 0.3279



58.9355, 0.3200, 0.3313

Triad

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



58.9355, 0.3182, 0.3279



58.9355, 0.3144, 0.3353



58.9355, 0.3056, 0.3239

Complementary

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



58.9355, 0.3182, 0.3279



61.8632, 0.3075, 0.3301

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.



58.9355, 0.3055, 0.3267



58.9355, 0.3182, 0.3279



58.9355, 0.3105, 0.3333

Square

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



58.9355, 0.3182, 0.3279



58.9355, 0.3178, 0.3355



58.9355, 0.3073, 0.3301



58.9355, 0.3076, 0.3225

Rectangle

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



58.9355, 0.3182, 0.3279



58.9355, 0.3202, 0.3333



58.9355, 0.3073, 0.3301



58.9355, 0.3053, 0.3247

Sweetspot

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



58.9381, 0.3182, 0.3279



98.2402, 0.3141, 0.3287



59.1202, 0.3123, 0.3198



21.0460, 0.3141, 0.3287



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.



58.9381, 0.3182, 0.3279



91.4320, 0.3201, 0.3275



60.2475, 0.3187, 0.3324



12.6649, 0.3210, 0.3274



8.4094, 0.6240, 0.3211



0.4781, 0.5848, 0.2995

Inverse Universe

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



58.9381, 0.3182, 0.3279



91.4320, 0.3201, 0.3275



60.5116, 0.3069, 0.3256



12.6649, 0.3210, 0.3274



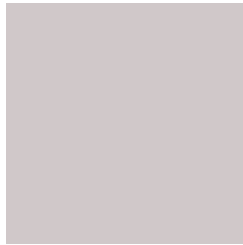
8.4094, 0.6240, 0.3211



0.4781, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 58.9355, 0.3182, 0.3279 looks on a white background.

Color Contrast Check

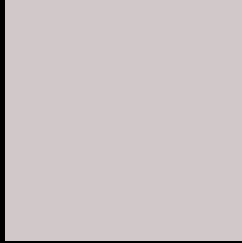
Large Text (above 18pt) WCAG AA × Fail

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 58.9355, 0.3182, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

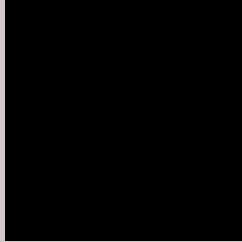
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

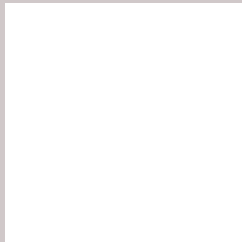
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9355, 0.3182, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 58.9355, 0.3182, 0.3279.

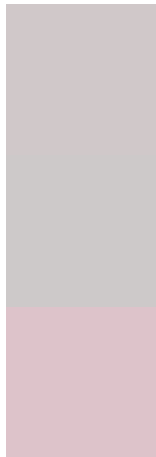


This preview shows how white text looks on a background with the Yxy color 58.9355, 0.3182, 0.3279.

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

58.9355, 0.3182, 0.3279

Protanopia

58.9695, 0.3158, 0.3290

Deuteranopia

58.6666, 0.3284, 0.3211



Tritanopia

58.9448, 0.3105, 0.3107

Trichromacy



Original Color

58.9355, 0.3182, 0.3279

Protanomaly

59.1121, 0.3166, 0.3290

Deuteranomaly

58.7957, 0.3241, 0.3233

Tritanomaly

59.0056, 0.3133, 0.3174

Monochromacy



Original Color

58.9355, 0.3182, 0.3279

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8749, 0.3143, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9355, 0.3182, 0.3279 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 201) }
```

Border

The CSS property to change the border of an element to Yxy 58.9355, 0.3182, 0.3279 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, 201) }
```

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

```
.border{ border-color:rgb(208, 200, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9355, 0.3182, 0.3279 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, 201) }
```

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

```
.background{ background-color: rgb(208,  
200, 201) }
```

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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