

Converting Colors

$Y_{xy}(58.9712, 0.3133, 0.3172)$

Have a look what the booklet for
Yxy(58.9712, 0.3133, 0.3172)
contains.

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Color

Yxy(59.0056, 0.3133, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7D1
RGB	209, 199, 209
RGB Percent	82%, 78%, 82%
CMY	0.1801, 0.2197, 0.1803
CMYK	0.00, 0.05, 0.00, 0.18
HSL	300°, 10%, 80%
HSV	300°, 5%, 82%
XYZ	58.2434, 59.0056, 68.6540
YIQ	203.1300, 2.7500, 5.2300

Conversions

Conversions Part 2

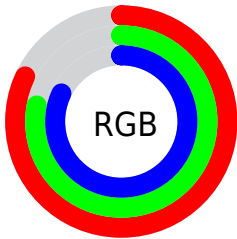
Format	Color
RYB	209, 199, 209
Decimal	13748177
CIELab	81.29, 5.32, -3.75
CIELCh	81, 6.507, 324.799
Yxy	59.0056, 0.3133, 0.3174
Android (android.graphics.Color)	4291938257 (0xFFD1C7D1)
YUV	203.1300, 2.8939, 5.1480
Hunter-Lab	76.8151, 0.9174, 0.7798

Details

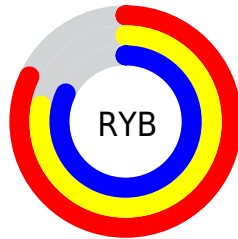
The Yxy color **59.0056, 0.3133, 0.3174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9008, 0.3121, 0.3409**, and the grayscale version is **59.7944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5859, 0.3134, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **50.0350, 0.3145, 0.2928**, and if you desaturate by 10%, it is **69.3030, 0.3121, 0.3412**.

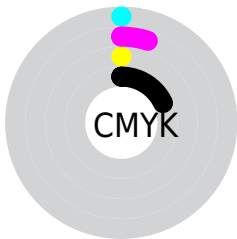
Distribution



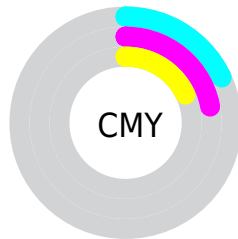
- Red (82%)
- Green (78%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0056, 0.3133, 0.3174 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 59.0056, 0.3133, 0.3174 by changing the saturation by 10% instead.

■ 59.0056, 0.3133,
0.3174

■ 59.0056, 0.3133,
0.3174

420.9227, 0.3130,
0.3229

■ 42.6176, 0.3134,
0.3161

103.3858, 0.3132,
0.3194

■ 29.5852, 0.3134,
0.3145

132.1468, 0.3132,
0.3201

■ 19.5240, 0.3135,
0.3123

165.8010, 0.3132,
0.3207

■ 12.0495, 0.3136,
0.3095

204.7327, 0.3131,
0.3213

■ 6.7774, 0.3137,
0.3055

249.3263, 0.3131,
0.3218

■ 3.3233, 0.3139,
0.2995

299.9662, 0.3131,

■ 1.3027, 0.3140,

0.3222

0.2894

357.0369, 0.3131,
0.3226

0.1433, 0.3214,
0.1732

0.0000, 0.0000,
0.0000

59.0056, 0.3133,
0.3174

59.0056, 0.3133,
0.3174

50.0350, 0.3145,
0.2928

69.3030, 0.3121,
0.3412

42.3300, 0.3158,
0.2680

80.9700, 0.3110,
0.3636

35.8359, 0.3171,
0.2437

89.7061, 0.3103,
0.3780

30.4912, 0.3183,
0.2208

89.7113, 0.3102,
0.3779

■ 26.2288, 0.3194,
0.2004

■ 89.7166, 0.3101,
0.3778

■ 22.9749, 0.3203,
0.1832

■ 89.7218, 0.3101,
0.3777

■ 20.6463, 0.3211,
0.1700

■ 89.7271, 0.3100,
0.3775

■ 19.1467, 0.3217,
0.1611

■ 89.7324, 0.3100,
0.3774

■ 18.3585, 0.3221,
0.1563

■ 89.7376, 0.3099,
0.3773

Harmonies

Analogous

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



59.0056, 0.3050, 0.3148



59.0056, 0.3133, 0.3174



59.0056, 0.3215, 0.3230

Triad

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



59.0056, 0.3133, 0.3174



59.0056, 0.3267, 0.3422



59.0056, 0.2983, 0.3275

Complementary

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



59.0056, 0.3133, 0.3174



61.9008, 0.3121, 0.3409

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.



59.0056, 0.3039, 0.3351



59.0056, 0.3133, 0.3174



59.0056, 0.3203, 0.3437

Square

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



59.0056, 0.3133, 0.3174



59.0056, 0.3293, 0.3373



59.0056, 0.3120, 0.3410



59.0056, 0.2965, 0.3204

Rectangle

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



59.0056, 0.3133, 0.3174



59.0056, 0.3258, 0.3278



59.0056, 0.3120, 0.3410



59.0056, 0.2998, 0.3300

Sweetspot

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



59.0081, 0.3133, 0.3174



98.3830, 0.3128, 0.3266



57.5842, 0.3055, 0.3170



21.0750, 0.3128, 0.3267



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.



59.0081, 0.3133, 0.3174



90.6187, 0.3135, 0.3144



58.7645, 0.3169, 0.3232



12.5782, 0.3135, 0.3131



11.1645, 0.3222, 0.1548



0.6246, 0.3219, 0.1547

Inverse Universe

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



59.0081, 0.3133, 0.3174



90.6187, 0.3135, 0.3144



62.1367, 0.3087, 0.3349



12.5782, 0.3135, 0.3131



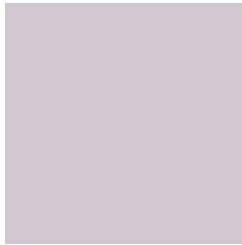
11.1645, 0.3222, 0.1548



0.6246, 0.3219, 0.1547

Previews

White Background



This preview shows how the Yxy color 59.0056, 0.3133, 0.3174 looks on a white background.

Color Contrast Check

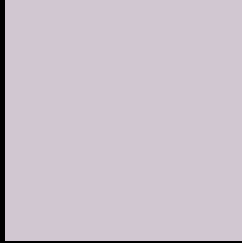
Large Text (above 18pt) WCAG AA × Fail

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 59.0056, 0.3133, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

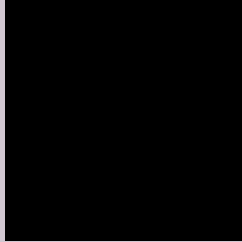
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

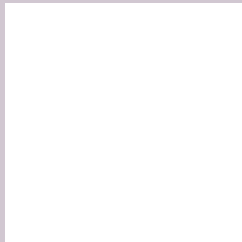
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0056, 0.3133, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 59.0056, 0.3133, 0.3174.

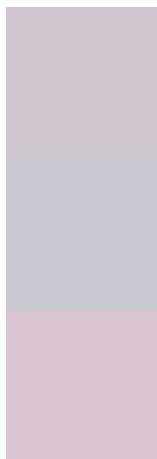


This preview shows how white text looks on a background with the Yxy color 59.0056, 0.3133, 0.3174.

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

59.0056, 0.3133, 0.3174

Protanopia

59.1229, 0.3078, 0.3185

Deuteranopia

59.0384, 0.3198, 0.3132



Tritanopia

58.9448, 0.3105, 0.3107

Trichromacy



Original Color

59.0056, 0.3133, 0.3174

Protanomaly

58.9408, 0.3094, 0.3174

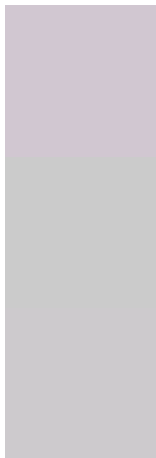
Deuteranomaly

59.0327, 0.3173, 0.3142

Tritanomaly

58.8433, 0.3119, 0.3129

Monochromacy



Original Color

59.0056, 0.3133, 0.3174

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6280, 0.3129, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0056, 0.3133, 0.3174 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(209, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 209)  
}
```

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(209, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 209) }
```

Border

The CSS property to change the border of an element to Yxy 59.0056, 0.3133, 0.3174 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(209, 199, 209) }
```

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

```
.border{ border-color:rgb(209, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0056, 0.3133, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 209) }
```

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

```
.background{ background-color: rgb(209,  
199, 209) }
```

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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