

Converting Colors

$Y_{xy}(58.3501, 0.3170, 0.3194)$

Have a look what the booklet for
Yxy(58.3501, 0.3170, 0.3194)
contains.

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Color

Yxy(58.2376, 0.3172, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5CE
RGB	211, 197, 206
RGB Percent	83%, 77%, 81%
CMY	0.1723, 0.2275, 0.1922
CMYK	0.00, 0.07, 0.02, 0.17
HSL	322°, 14%, 80%
HSV	322°, 7%, 83%
XYZ	57.9817, 58.2376, 66.5729
YIQ	202.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

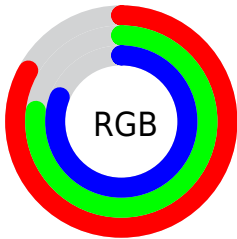
Format	Color
R _Y B	211, 197, 206
Decimal	13878734
CIE Lab	80.87, 6.51, -2.73
CIE LCh	81, 7.057, 337.231
Yxy	58.2376, 0.3172, 0.3186
Android (android.graphics.Color)	4292068814 (0xFFD3C5CE)
YUV	202.2120, 1.8675, 7.7071
Hunter-Lab	76.3136, 2.0724, 1.6973

Details

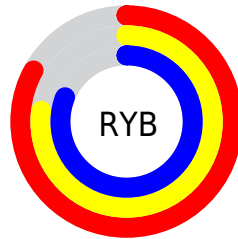
The Yxy color **58.2376, 0.3172, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7516, 0.3085, 0.3396**, and the grayscale version is **59.1926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.9798, 0.3176, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **48.9574, 0.3250, 0.3023**, and if you desaturate by 10%, it is **68.8825, 0.3107, 0.3340**.

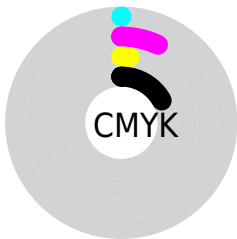
Distribution



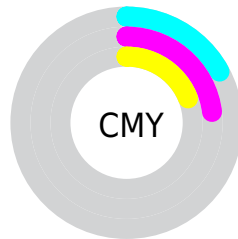
- Red (83%)
- Green (77%)
- Blue (81%)



- Red (83%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2376, 0.3172, 0.3186 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 58.2376, 0.3172, 0.3186 by changing the saturation by 10% instead.

■ 58.2376, 0.3172,
0.3186

■ 58.2376, 0.3172,
0.3186

418.0707, 0.3151,
0.3236

■ 41.9997, 0.3177,
0.3174

102.2688, 0.3164,
0.3204

■ 29.1011, 0.3183,
0.3159

130.8308, 0.3162,
0.3210

■ 19.1573, 0.3192,
0.3140

164.2697, 0.3159,
0.3216

■ 11.7840, 0.3203,
0.3115

202.9699, 0.3157,
0.3221

■ 6.5968, 0.3218,
0.3079

247.3157, 0.3155,
0.3225

■ 3.2112, 0.3241,
0.3024

297.6915, 0.3153,

■ 1.2430, 0.3281,

0.3229

0.2930

354.4817, 0.3152,
0.3233

0.0964, 0.3897,
0.1500

0.0000, 0.0000,
0.0000

58.2376, 0.3172,
0.3186

58.2376, 0.3172,
0.3186

48.9574, 0.3250,
0.3023

68.8825, 0.3107,
0.3340

40.9787, 0.3342,
0.2856

80.9370, 0.3052,
0.3485

34.2443, 0.3449,
0.2688

91.0218, 0.3007,
0.3566

28.6902, 0.3571,
0.2528

91.4548, 0.2965,
0.3484

■ 24.2463, 0.3709,
0.2383

■ 91.9066, 0.2924,
0.3404

■ 20.8351, 0.3859,
0.2267

■ 92.3774, 0.2884,
0.3325

■ 18.3691, 0.4018,
0.2189

■ 92.5971, 0.2866,
0.3289

■ 16.7463, 0.4180,
0.2158

■ 15.8347, 0.4338,
0.2179

Harmonies

Analogous

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



58.2376, 0.3079, 0.3142



58.2376, 0.3172, 0.3186



58.2376, 0.3254, 0.3257

Triad

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



58.2376, 0.3172, 0.3186



58.2376, 0.3254, 0.3446



58.2376, 0.2956, 0.3239

Complementary

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



58.2376, 0.3172, 0.3186



62.7516, 0.3085, 0.3396

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.



58.2376, 0.3002, 0.3323



58.2376, 0.3172, 0.3186



58.2376, 0.3173, 0.3443

Square

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



58.2376, 0.3172, 0.3186



58.2376, 0.3302, 0.3406



58.2376, 0.3081, 0.3398



58.2376, 0.2956, 0.3172

Rectangle

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



58.2376, 0.3172, 0.3186



58.2376, 0.3290, 0.3310



58.2376, 0.3081, 0.3398



58.2376, 0.2967, 0.3266

Sweetspot

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



58.2401, 0.3172, 0.3186



96.6715, 0.3140, 0.3259



57.1772, 0.3064, 0.3125



20.7265, 0.3140, 0.3260



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.



58.2401, 0.3172, 0.3186



87.2041, 0.3182, 0.3163



57.9123, 0.3224, 0.3266



11.9338, 0.3192, 0.3142



9.4351, 0.4368, 0.2180



0.5424, 0.4101, 0.2033

Inverse Universe

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



58.2401, 0.3172, 0.3186



87.2041, 0.3182, 0.3163



63.0857, 0.3038, 0.3314



11.9338, 0.3192, 0.3142



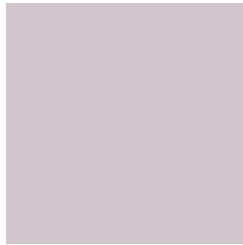
9.4351, 0.4368, 0.2180



0.5424, 0.4101, 0.2033

Previews

White Background



This preview shows how the Yxy color 58.2376, 0.3172, 0.3186 looks on a white background.

Color Contrast Check

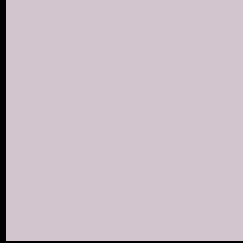
Large Text (above 18pt) WCAG AA × Fail

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 58.2376, 0.3172, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

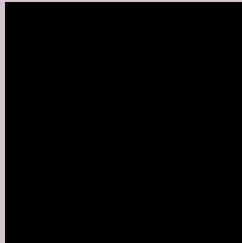
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

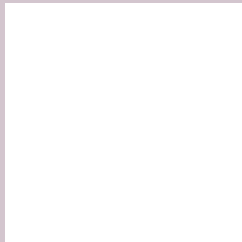
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2376, 0.3172, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 58.2376, 0.3172, 0.3186.



This preview shows how white text looks on a background with the Yxy color 58.2376, 0.3172, 0.3186.

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

58.2376, 0.3172, 0.3186

Protanopia

58.4192, 0.3085, 0.3196

Deuteranopia

58.3919, 0.3229, 0.3165



Tritanopia

58.2304, 0.3136, 0.3107

Trichromacy



Original Color

58.2376, 0.3172, 0.3186

Protanomaly

58.3310, 0.3116, 0.3196

Deuteranomaly

58.3832, 0.3204, 0.3176

Tritanomaly

58.1300, 0.3150, 0.3129

Monochromacy



Original Color

58.2376, 0.3172, 0.3186

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5995, 0.3144, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2376, 0.3172, 0.3186 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(211, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 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(211, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.2376, 0.3172, 0.3186 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(211, 197, 206) }
```

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

```
.border{ border-color:rgb(211, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2376, 0.3172, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 206) }
```

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

```
.background{ background-color: rgb(211,  
197, 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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