

Converting Colors

$Y_{xy}(58.1079, 0.3281, 0.3279)$

Have a look what the booklet for
Yxy(58.1079, 0.3281, 0.3279)
contains.

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Color

Yxy(58.1100, 0.3280, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4C5
RGB	216, 196, 197
RGB Percent	85%, 77%, 77%
CMY	0.1531, 0.2313, 0.2274
CMYK	0.00, 0.09, 0.09, 0.15
HSL	357°, 20%, 81%
HSV	357°, 9%, 85%
XYZ	58.1277, 58.1100, 60.9809
YIQ	202.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

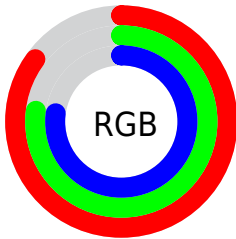
Format	Color
R _Y B	216, 196, 197
Decimal	14206149
CIE Lab	80.80, 7.17, 2.04
CIE LCh	81, 7.453, 15.879
Yxy	58.1100, 0.3280, 0.3279
Android (android.graphics.Color)	4292396229 (0xFFD8C4C5)
YUV	202.0940, -2.5113, 12.1956
Hunter-Lab	76.2299, 2.7095, 5.9313

Details

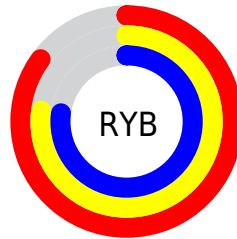
The Yxy color **58.1100, 0.3280, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7320, 0.2992, 0.3301**, and the grayscale version is **59.1337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6663, 0.3134, 0.3281**, and **28.9062, 0.3323, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **48.1823, 0.3485, 0.3266**, and if you desaturate by 10%, it is **69.5732, 0.3116, 0.3291**.

Distribution



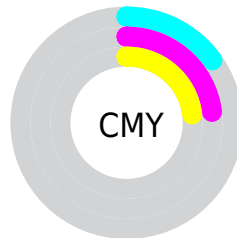
- Red (85%)
- Green (77%)
- Blue (77%)



- Red (85%)
- Yellow (77%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1100, 0.3280, 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 58.1100, 0.3280, 0.3279 by changing the saturation by 10% instead.

 58.1100, 0.3280,
0.3279

 58.1100, 0.3280,
0.3279

417.5957, 0.3206,
0.3285

 41.8971, 0.3298,
0.3278

 102.0830, 0.3254,
0.3281

 29.0207, 0.3320,
0.3276

130.6119, 0.3244,
0.3282

 19.0965, 0.3349,
0.3273


164.0150, 0.3235,
0.3283

 11.7400, 0.3389,
0.3269

202.6765, 0.3228,
0.3283

 6.5669, 0.3445,
0.3264

246.9809, 0.3221,
0.3284

 3.1928, 0.3532,
0.3255

297.3127, 0.3216,

 1.2332, 0.3685,

0.3284

0.3237

354.0561, 0.3211,
0.3284

0.0886, 0.7453,
0.2547

0.0000, 0.0000,
0.0000

58.1100, 0.3280,
0.3279

58.1100, 0.3280,
0.3279

48.1823, 0.3485,
0.3266

69.5732, 0.3116,
0.3291

39.7176, 0.3741,
0.3253

82.6250, 0.2984,
0.3302

32.6491, 0.4056,
0.3241

93.3322, 0.2894,
0.3289

26.9018, 0.4435,
0.3230

■ 22.3937, 0.4872,
0.3224

■ 19.0336, 0.5340,
0.3225

■ 16.7178, 0.5785,
0.3236

■ 15.3240, 0.6137,
0.3255

■ 14.6555, 0.6346,
0.3276

Harmonies

Analogous

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



58.1100, 0.3202, 0.3199



58.1100, 0.3280, 0.3279



58.1100, 0.3317, 0.3363

Triad

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



58.1100, 0.3280, 0.3279



58.1100, 0.3148, 0.3443



58.1100, 0.2955, 0.3150

Complementary

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



58.1100, 0.3280, 0.3279



65.7320, 0.2992, 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.



58.1100, 0.2941, 0.3213



58.1100, 0.3280, 0.3279



58.1100, 0.3052, 0.3383

Square

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



58.1100, 0.3280, 0.3279



58.1100, 0.3240, 0.3459



58.1100, 0.2976, 0.3299



58.1100, 0.3014, 0.3125

Rectangle

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



58.1100, 0.3280, 0.3279



58.1100, 0.3313, 0.3410



58.1100, 0.2976, 0.3299



58.1100, 0.2945, 0.3167

Sweetspot

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



58.1126, 0.3280, 0.3279



94.7564, 0.3174, 0.3287



58.8852, 0.3130, 0.3064



19.9894, 0.3187, 0.3286



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.



58.1126, 0.3280, 0.3279



81.7913, 0.3315, 0.3277



62.2369, 0.3277, 0.3393



12.4307, 0.3283, 0.3279



8.6597, 0.6343, 0.3268



0.5259, 0.6168, 0.3172

Inverse Universe

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



58.1126, 0.3280, 0.3279



81.7913, 0.3315, 0.3277



61.3121, 0.2985, 0.3185



12.4307, 0.3283, 0.3279



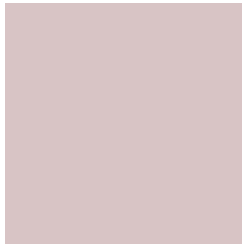
8.6597, 0.6343, 0.3268



0.5259, 0.6168, 0.3172

Previews

White Background



This preview shows how the Yxy color 58.1100, 0.3280, 0.3279 looks on a white background.

Color Contrast Check

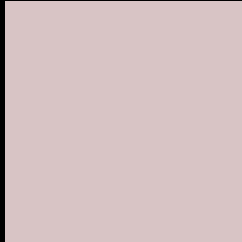
Large Text (above 18pt) WCAG AA × Fail

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 58.1100, 0.3280, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

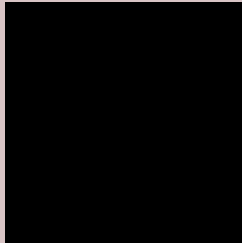
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

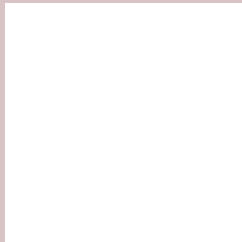
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1100, 0.3280, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 58.1100, 0.3280, 0.3279.



This preview shows how white text looks on a background with the Yxy color 58.1100, 0.3280, 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

58.1100, 0.3280, 0.3279

Protanopia

58.2694, 0.3166, 0.3302

Deuteranopia

57.9869, 0.3324, 0.3256



Tritanopia

58.0924, 0.3207, 0.3120

Trichromacy



Original Color

58.1100, 0.3280, 0.3279

Protanomaly

58.3340, 0.3205, 0.3302

Deuteranomaly

58.1215, 0.3306, 0.3268

Tritanomaly

58.1897, 0.3229, 0.3176

Monochromacy



Original Color

58.1100, 0.3280, 0.3279

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7441, 0.3182, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1100, 0.3280, 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(216, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 197)  
}
```

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(216, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.1100, 0.3280, 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(216, 196, 197) }
```

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

```
.border{ border-color:rgb(216, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1100, 0.3280, 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(216, 196, 197) }
```

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

```
.background{ background-color: rgb(216,  
196, 197) }
```

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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