

Converting Colors

$Yxy(58.3428, 0.3135, 0.3117)$

Have a look what the booklet for
Yxy(58.3428, 0.3135, 0.3117)
contains.

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Color

Yxy(58.2304, 0.3136, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	D4C4D4
RGB	212, 196, 212
RGB Percent	83%, 77%, 83%
CMY	0.1686, 0.2314, 0.1687
CMYK	0.00, 0.08, 0.00, 0.17
HSL	300°, 16%, 80%
HSV	300°, 8%, 83%
XYZ	58.7739, 58.2304, 70.4125
YIQ	202.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

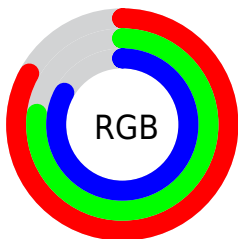
Format	Color
R _{YB}	212, 196, 212
Decimal	13944020
CIE Lab	80.87, 8.45, -5.94
CIE LCh	81, 10.327, 324.882
Yxy	58.2304, 0.3136, 0.3107
Android (android.graphics.Color)	4292134100 (0xFFD4C4D4)
YUV	202.6080, 4.6303, 8.2368
Hunter-Lab	76.3088, 3.9422, -1.2925

Details

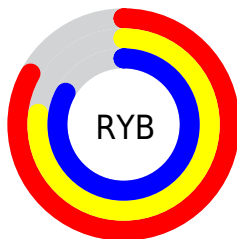
The Yxy color **58.2304, 0.3136, 0.3107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8149, 0.3118, 0.3480**, and the grayscale version is **59.4321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.9484, 0.3138, 0.3062** is the 20% darker color. If you saturate the color by 10%, you get **49.3324, 0.3148, 0.2859**, and if you desaturate by 10%, it is **68.4849, 0.3124, 0.3348**.

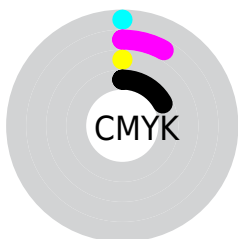
Distribution



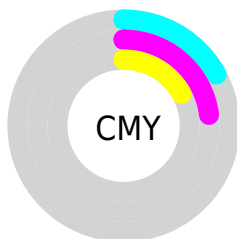
- Red (83%)
- Green (77%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2304, 0.3136, 0.3107 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 58.2304, 0.3136, 0.3107 by changing the saturation by 10% instead.

■ 58.2304, 0.3136,
0.3107

■ 58.2304, 0.3136,
0.3107

■ 418.0439, 0.3132,
0.3194

■ 41.9939, 0.3137,
0.3087

■ 102.2583, 0.3135,
0.3138

■ 29.0965, 0.3138,
0.3061

■ 130.8185, 0.3134,
0.3149

■ 19.1538, 0.3139,
0.3028

■ 164.2554, 0.3134,
0.3160

■ 11.7815, 0.3140,
0.2984

■ 202.9533, 0.3134,
0.3168

■ 6.5951, 0.3141,
0.2922

■ 247.2968, 0.3133,
0.3176

■ 3.2102, 0.3142,
0.2830

■ 297.6701, 0.3133,

■ 1.2424, 0.3141,

0.3183

0.2675

354.4577, 0.3133,
0.3189

0.0960, 0.3257,
0.1051

0.0000, 0.0000,
0.0000

58.2304, 0.3136,
0.3107

58.2304, 0.3136,
0.3107

49.3324, 0.3148,
0.2859

68.4849, 0.3124,
0.3348

41.7269, 0.3160,
0.2610

80.1413, 0.3113,
0.3578

35.3561, 0.3172,
0.2370

90.2770, 0.3105,
0.3747

30.1550, 0.3183,
0.2146

90.2792, 0.3105,
0.3747

■ 26.0523, 0.3193,
0.1950

■ 90.2813, 0.3105,
0.3746

■ 22.9693, 0.3201,
0.1788

■ 90.2835, 0.3104,
0.3746

■ 20.8168, 0.3207,
0.1668

■ 90.2857, 0.3104,
0.3745

■ 19.4899, 0.3211,
0.1590

■ 90.2878, 0.3104,
0.3745

■ 18.8440, 0.3214,
0.1551

■ 90.2900, 0.3104,
0.3744

Harmonies

Analogous

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



58.2304, 0.3005, 0.3065



58.2304, 0.3136, 0.3107



58.2304, 0.3267, 0.3195

Triad

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



58.2304, 0.3136, 0.3107



58.2304, 0.3349, 0.3501



58.2304, 0.2898, 0.3264

Complementary

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



58.2304, 0.3136, 0.3107



62.8149, 0.3118, 0.3480

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.



58.2304, 0.2987, 0.3387



58.2304, 0.3136, 0.3107



58.2304, 0.3247, 0.3525

Square

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



58.2304, 0.3136, 0.3107



58.2304, 0.3392, 0.3421



58.2304, 0.3114, 0.3484



58.2304, 0.2869, 0.3152

Rectangle

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



58.2304, 0.3136, 0.3107



58.2304, 0.3336, 0.3270



58.2304, 0.3114, 0.3484



58.2304, 0.2922, 0.3305

Sweetspot

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



58.2329, 0.3136, 0.3107



96.7884, 0.3129, 0.3242



55.9728, 0.3012, 0.3099



20.7503, 0.3129, 0.3244



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.



58.2329, 0.3136, 0.3107



86.2184, 0.3138, 0.3069



57.8406, 0.3195, 0.3198



12.6323, 0.3138, 0.3061



11.5625, 0.3214, 0.1544



0.6975, 0.3213, 0.1544

Inverse Universe

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



58.2329, 0.3136, 0.3107



86.2184, 0.3138, 0.3069



63.1876, 0.3064, 0.3384



12.6323, 0.3138, 0.3061



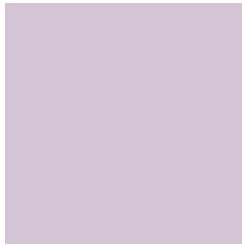
11.5625, 0.3214, 0.1544



0.6975, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 58.2304, 0.3136, 0.3107 looks on a white background.

Color Contrast Check

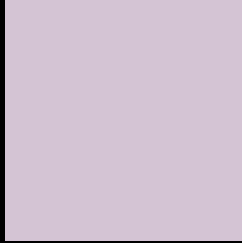
Large Text (above 18pt) WCAG AA × Fail

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 58.2304, 0.3136, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

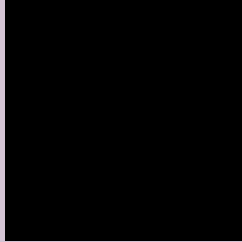
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

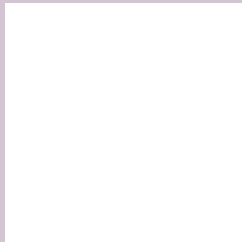
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2304, 0.3136, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 58.2304, 0.3136, 0.3107.

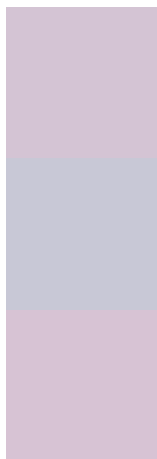


This preview shows how white text looks on a background with the Yxy color 58.2304, 0.3136, 0.3107.

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

58.2304, 0.3136, 0.3107

Protanopia

58.4430, 0.3028, 0.3126

Deuteranopia

58.2308, 0.3160, 0.3097



Tritanopia

58.2304, 0.3136, 0.3107

Trichromacy



Original Color

58.2304, 0.3136, 0.3107

Protanomaly

58.4883, 0.3065, 0.3127

Deuteranomaly

58.0798, 0.3152, 0.3096

Tritanomaly

58.2304, 0.3136, 0.3107

Monochromacy



Original Color

58.2304, 0.3136, 0.3107

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8866, 0.3130, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2304, 0.3136, 0.3107 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(212, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 212)  
}
```

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(212, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 212) }
```

Border

The CSS property to change the border of an element to Yxy 58.2304, 0.3136, 0.3107 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(212, 196, 212) }
```

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

```
.border{ border-color:rgb(212, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 196, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 196, 212); box-shadow:4px 4px 4px 4px rgb(212, 196, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2304, 0.3136, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 212) }
```

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

```
.background{ background-color: rgb(212,  
196, 212) }
```

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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