

Converting Colors

$Y_{xy}(58.5165, 0.3140, 0.3007)$

Have a look what the booklet for
Yxy(58.5165, 0.3140, 0.3007)
contains.

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Color

Yxy(58.7581, 0.3140, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2DB
RGB	219, 194, 219
RGB Percent	86%, 76%, 86%
CMY	0.1412, 0.2392, 0.1410
CMYK	0.00, 0.11, 0.00, 0.14
HSL	300°, 26%, 81%
HSV	300°, 11%, 86%
XYZ	61.2958, 58.7581, 75.1557
YIQ	204.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

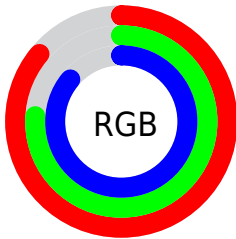
Format	Color
R _Y B	219, 194, 219
Decimal	14402267
CIE Lab	81.16, 13.20, -9.24
CIE LCh	81, 16.109, 325.011
Yxy	58.7581, 0.3140, 0.3010
Android (android.graphics.Color)	4292592347 (0xFFDBC2DB)
YUV	204.3250, 7.2348, 12.8700
Hunter-Lab	76.6538, 8.5924, -4.4736

Details

The Yxy color **58.7581, 0.3140, 0.3010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0535, 0.3114, 0.3587**, and the grayscale version is **60.5525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.3290, 0.3144, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **49.7136, 0.3151, 0.2760**, and if you desaturate by 10%, it is **69.2447, 0.3129, 0.3256**.

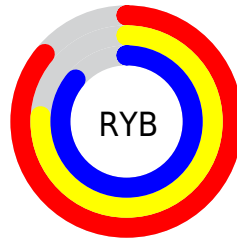
Distribution



Red (86%)

Green (76%)

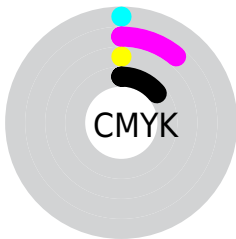
Blue (86%)



Red (86%)

Yellow (76%)

Blue (86%)

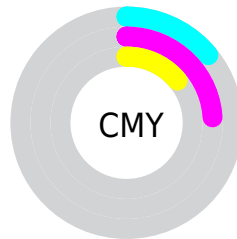


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (24%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7581, 0.3140, 0.3010 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 58.7581, 0.3140, 0.3010 by changing the saturation by 10% instead.


 58.7581, 0.3140,
0.3010

 58.7581, 0.3140,
0.3010


420.0049, 0.3135,
0.3142

 42.4184, 0.3141,
0.2979


 103.0260, 0.3139,
0.3056

 29.4291, 0.3142,
0.2941


131.7230, 0.3138,
0.3074

 19.4056, 0.3143,
0.2892


165.3079, 0.3137,
0.3089

 11.9637, 0.3143,
0.2828

204.1652, 0.3137,
0.3103

 6.7190, 0.3144,
0.2739

248.6791, 0.3136,
0.3114

 3.2870, 0.3142,
0.2607

299.2341, 0.3136,

 1.2833, 0.3134,

0.3124

0.2393

356.2145, 0.3135,
0.3134

0.1282, 0.3271,
0.0945

0.0000, 0.0000,
0.0000

58.7581, 0.3140,
0.3010

58.7581, 0.3140,
0.3010

49.7136, 0.3151,
0.2760

69.2447, 0.3129,
0.3256

42.0409, 0.3163,
0.2512

81.2246, 0.3118,
0.3491

35.6753, 0.3173,
0.2276

91.7124, 0.3110,
0.3666

30.5440, 0.3183,
0.2062

91.7175, 0.3110,
0.3666

■ 26.5670, 0.3191,
0.1877

■ 91.7226, 0.3110,
0.3666

■ 23.6547, 0.3198,
0.1731

■ 91.7278, 0.3110,
0.3666

■ 21.7047, 0.3202,
0.1627

■ 91.7329, 0.3111,
0.3666

■ 20.5942, 0.3205,
0.1566

■ 91.7380, 0.3111,
0.3666

■ 20.1320, 0.3205,
0.1539

■ 91.7431, 0.3111,
0.3666

Harmonies

Analogous

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



58.7581, 0.2937, 0.2944



58.7581, 0.3140, 0.3010



58.7581, 0.3345, 0.3144

Triad

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



58.7581, 0.3140, 0.3010



58.7581, 0.3472, 0.3617



58.7581, 0.2773, 0.3245

Complementary

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



58.7581, 0.3140, 0.3010



66.0535, 0.3114, 0.3587

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.



58.7581, 0.2908, 0.3440



58.7581, 0.3140, 0.3010



58.7581, 0.3311, 0.3659

Square

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



58.7581, 0.3140, 0.3010



58.7581, 0.3541, 0.3489



58.7581, 0.3104, 0.3595



58.7581, 0.2730, 0.3071

Rectangle

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



58.7581, 0.3140, 0.3010



58.7581, 0.3454, 0.3257



58.7581, 0.3104, 0.3595



58.7581, 0.2809, 0.3311

Sweetspot

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



58.7606, 0.3140, 0.3010



95.2136, 0.3131, 0.3217



55.3555, 0.2948, 0.2998



20.1128, 0.3131, 0.3197



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.



58.7606, 0.3140, 0.3010



79.2895, 0.3143, 0.2943



58.1518, 0.3231, 0.3144



13.2738, 0.3138, 0.3060



11.9328, 0.3205, 0.1539



0.7734, 0.3206, 0.1540

Inverse Universe

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



57.5466, 0.3331, 0.3290



77.2128, 0.3387, 0.3290



66.6147, 0.3035, 0.3441



13.0518, 0.3291, 0.3290



8.9305, 0.6399, 0.3299



0.5787, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 58.7581, 0.3140, 0.3010 looks on a white background.

Color Contrast Check

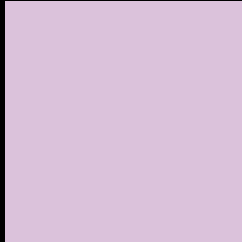
Large Text (above 18pt) WCAG AA × Fail

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 58.7581, 0.3140, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

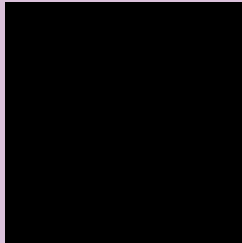
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7581, 0.3140, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 58.7581, 0.3140, 0.3010.



This preview shows how white text looks on a background with the Yxy color 58.7581, 0.3140, 0.3010.

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

58.7581, 0.3140, 0.3010

Protanopia

58.7784, 0.2959, 0.3023

Deuteranopia

58.7405, 0.3093, 0.3029



Tritanopia

58.6388, 0.3191, 0.3109

Trichromacy



Original Color

58.7581, 0.3140, 0.3010

Protanomaly

58.7839, 0.3018, 0.3015

Deuteranomaly

58.5918, 0.3109, 0.3019

Tritanomaly

58.7907, 0.3169, 0.3076

Monochromacy



Original Color

58.7581, 0.3140, 0.3010

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4673, 0.3132, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7581, 0.3140, 0.3010 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(219, 194, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 219)  
}
```

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(219, 194, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 219) }
```

Border

The CSS property to change the border of an element to Yxy 58.7581, 0.3140, 0.3010 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(219, 194, 219) }
```

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

```
.border{ border-color:rgb(219, 194, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 194, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7581, 0.3140, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 219) }
```

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

```
.background{ background-color: rgb(219,  
194, 219) }
```

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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