

Converting Colors

Yxy(58.0843, 0.3236, 0.3146)

Have a look what the booklet for
Yxy(58.0843, 0.3236, 0.3146)
contains.

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Color

Yxy(58.1486, 0.3230, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2CF
RGB	219, 194, 207
RGB Percent	86%, 76%, 81%
CMY	0.1413, 0.2391, 0.1882
CMYK	0.00, 0.11, 0.05, 0.14
HSL	329°, 26%, 81%
HSV	329°, 11%, 86%
XYZ	59.7582, 58.1486, 67.1031
YIQ	202.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

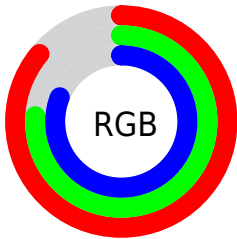
Format	Color
R _Y B	219, 194, 207
Decimal	14402255
CIE _{Lab}	80.82, 11.01, -3.27
CIE _{LCh}	81, 11.482, 343.475
Y _{xy}	58.1486, 0.3230, 0.3143
Android (android.graphics.Color)	4292592335 (0xFFDBC2CF)
YUV	202.9570, 1.9932, 14.0697
Hunter-Lab	76.2552, 6.4367, 1.2046

Details

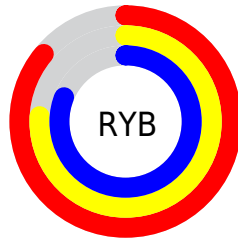
The Yxy color **58.1486, 0.3230, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5698, 0.3036, 0.3442**, and the grayscale version is **59.6736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **28.9486, 0.3255, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **48.6142, 0.3340, 0.3007**, and if you desaturate by 10%, it is **69.1583, 0.3139, 0.3273**.

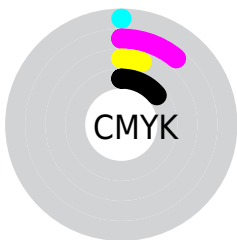
Distribution



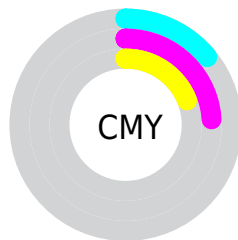
- Red (86%)
- Green (76%)
- Blue (81%)



- Red (86%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (14%)




- Cyan (14%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1486, 0.3230, 0.3143 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 58.1486, 0.3230, 0.3143 by changing the saturation by 10% instead.

 58.1486, 0.3230,
0.3143

 58.1486, 0.3230,
0.3143


417.7394, 0.3181,
0.3213

 41.9281, 0.3242,
0.3126


 102.1392, 0.3213,
0.3168

 29.0450, 0.3256,
0.3106


130.6782, 0.3206,
0.3177

 19.1149, 0.3275,
0.3079


164.0920, 0.3200,
0.3185

 11.7533, 0.3300,
0.3043

202.7653, 0.3195,
0.3192

 6.5759, 0.3336,
0.2993

247.0822, 0.3191,
0.3199

 3.1983, 0.3391,
0.2917

297.4273, 0.3187,

 1.2361, 0.3483,

0.3204

0.2790

354.1849, 0.3184,
0.3209

0.0909, 0.4592,
0.1176

0.0000, 0.0000,
0.0000

58.1486, 0.3230,
0.3143

58.1486, 0.3230,
0.3143

48.6142, 0.3340,
0.3007

69.1583, 0.3139,
0.3273

40.4842, 0.3471,
0.2868

81.6951, 0.3063,
0.3394

33.6933, 0.3626,
0.2730

92.7768, 0.3000,
0.3459

28.1681, 0.3806,
0.2603

93.4140, 0.2943,
0.3350

■ 23.8279, 0.4010,
0.2496

■ 93.7939, 0.2911,
0.3289

■ 20.5826, 0.4233,
0.2421

■ 18.3291, 0.4467,
0.2390

■ 16.9441, 0.4701,
0.2413

■ 16.2673, 0.4896,
0.2471

Harmonies

Analogous

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



58.1486, 0.3079, 0.3062



58.1486, 0.3230, 0.3143



58.1486, 0.3355, 0.3261

Triad

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



58.1486, 0.3230, 0.3143



58.1486, 0.3310, 0.3550



58.1486, 0.2844, 0.3179

Complementary

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



58.1486, 0.3230, 0.3143



66.5698, 0.3036, 0.3442

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.



58.1486, 0.2903, 0.3313



58.1486, 0.3230, 0.3143



58.1486, 0.3170, 0.3532

Square

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



58.1486, 0.3230, 0.3143



58.1486, 0.3402, 0.3496



58.1486, 0.3021, 0.3444



58.1486, 0.2859, 0.3080

Rectangle

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



58.1486, 0.3230, 0.3143



58.1486, 0.3406, 0.3348



58.1486, 0.3021, 0.3444



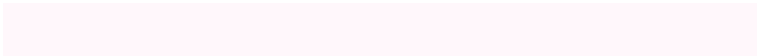
58.1486, 0.2856, 0.3222

Sweetspot

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



58.1511, 0.3230, 0.3143



94.9817, 0.3152, 0.3252



56.7778, 0.3037, 0.3002



20.0501, 0.3159, 0.3242



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.



58.1511, 0.3230, 0.3143



78.2455, 0.3258, 0.3106



57.5797, 0.3324, 0.3281



13.1641, 0.3211, 0.3169



9.6719, 0.4864, 0.2453



0.6440, 0.4521, 0.2264

Inverse Universe

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



58.1511, 0.3230, 0.3143



78.2455, 0.3258, 0.3106



67.1831, 0.2958, 0.3299



13.1641, 0.3211, 0.3169



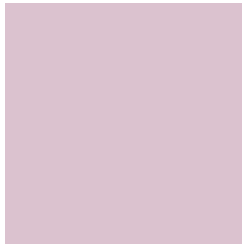
9.6719, 0.4864, 0.2453



0.6440, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 58.1486, 0.3230, 0.3143 looks on a white background.

Color Contrast Check

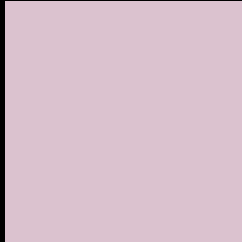
Large Text (above 18pt) WCAG AA × Fail

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 58.1486, 0.3230, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

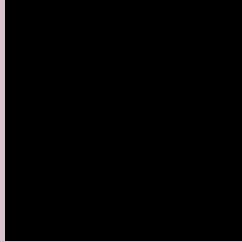
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1486, 0.3230, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 58.1486, 0.3230, 0.3143.



This preview shows how white text looks on a background with the Yxy color 58.1486, 0.3230, 0.3143.

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

58.1486, 0.3230, 0.3143

Protanopia

58.5183, 0.3071, 0.3173

Deuteranopia

58.2869, 0.3213, 0.3154



Tritanopia

58.2471, 0.3215, 0.3120

Trichromacy



Original Color

58.1486, 0.3230, 0.3143

Protanomaly

58.4015, 0.3125, 0.3162

Deuteranomaly

58.4406, 0.3221, 0.3154

Tritanomaly

58.1977, 0.3223, 0.3132

Monochromacy



Original Color

58.1486, 0.3230, 0.3143

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2235, 0.3168, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1486, 0.3230, 0.3143 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.1486, 0.3230, 0.3143 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, 207) }
```

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

```
.border{ border-color:rgb(219, 194, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1486, 0.3230, 0.3143 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, 207) }
```

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

```
.background{ background-color: rgb(219,  
194, 207) }
```

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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