

Converting Colors

$Yxy(58.7056, 0.3148, 0.3021)$

Have a look what the booklet for
Yxy(58.7056, 0.3148, 0.3021)
contains.

Yxy(58.7056, 0.3148, 0.3021)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.7056, 0.3148, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2DA
RGB	219, 194, 218
RGB Percent	86%, 76%, 85%
CMY	0.1410, 0.2393, 0.1450
CMYK	0.00, 0.11, 0.00, 0.14
HSL	302°, 26%, 81%
HSV	302°, 11%, 86%
XYZ	61.1735, 58.7056, 74.4459
YIQ	204.2110, 7.1960, 12.7640

Conversions

Conversions Part 2

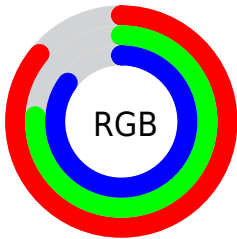
Format	Color
R _Y B	219, 194, 218
Decimal	14402266
CIE Lab	81.13, 13.03, -8.73
CIE LCh	81, 15.688, 326.191
Yxy	58.7056, 0.3148, 0.3021
Android (android.graphics.Color)	4292592346 (0xFFDBC2DA)
YUV	204.2110, 6.7980, 12.9700
Hunter-Lab	76.6196, 8.4312, -3.9743

Details

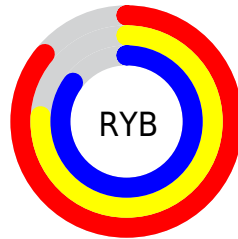
The Yxy color **58.7056, 0.3148, 0.3021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1005, 0.3106, 0.3575**, and the grayscale version is **60.4819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **29.2930, 0.3154, 0.2952** is the 20% darker color. If you saturate the color by 10%, you get **49.6191, 0.3168, 0.2780**, and if you desaturate by 10%, it is **69.2346, 0.3130, 0.3257**.

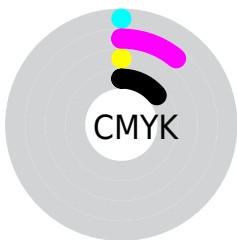
Distribution



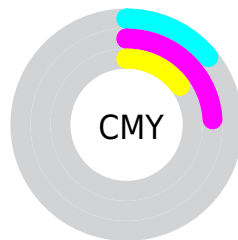
- Red (86%)
- Green (76%)
- Blue (85%)



- Red (86%)
- Yellow (76%)
- Blue (85%)



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





- Cyan (14%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7056, 0.3148, 0.3021 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 58.7056, 0.3148, 0.3021 by changing the saturation by 10% instead.

 58.7056, 0.3148,
0.3021

 58.7056, 0.3148,
0.3021

419.8100, 0.3139,
0.3148

 42.3762, 0.3150,
0.2992

 102.9497, 0.3145,
0.3065

 29.3960, 0.3152,
0.2955


131.6331, 0.3144,
0.3083

 19.3806, 0.3154,
0.2908


165.2033, 0.3143,
0.3097

 11.9456, 0.3157,
0.2846

204.0447, 0.3142,
0.3110

 6.7066, 0.3160,
0.2759

248.5417, 0.3141,
0.3121

 3.2793, 0.3164,
0.2632

299.0786, 0.3140,

 1.2792, 0.3164,

0.3131

0.2425

356.0400, 0.3140,
0.3140

0.1250, 0.3340,
0.0956

0.0000, 0.0000,
0.0000

58.7056, 0.3148,
0.3021

58.7056, 0.3148,
0.3021

49.6191, 0.3168,
0.2780

69.2346, 0.3130,
0.3257

41.9048, 0.3189,
0.2541

81.2573, 0.3113,
0.3482

35.4981, 0.3210,
0.2312

91.7954, 0.3100,
0.3648

30.3260, 0.3232,
0.2103

91.8439, 0.3095,
0.3638

■ 26.3084, 0.3253,
0.1923

■ 91.8927, 0.3090,
0.3628

■ 23.3559, 0.3273,
0.1780

■ 91.9418, 0.3085,
0.3619

■ 21.3659, 0.3290,
0.1680

■ 91.9911, 0.3080,
0.3609

■ 20.2158, 0.3306,
0.1623

■ 92.0407, 0.3074,
0.3599

■ 19.7199, 0.3317,
0.1601

■ 92.0906, 0.3069,
0.3590

Harmonies

Analogous

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



58.7056, 0.2949, 0.2954



58.7056, 0.3148, 0.3021



58.7056, 0.3347, 0.3154

Triad

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



58.7056, 0.3148, 0.3021



58.7056, 0.3459, 0.3612



58.7056, 0.2778, 0.3239

Complementary

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



58.7056, 0.3148, 0.3021



66.1005, 0.3106, 0.3575

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.



58.7056, 0.2907, 0.3429



58.7056, 0.3148, 0.3021



58.7056, 0.3299, 0.3649

Square

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



58.7056, 0.3148, 0.3021



58.7056, 0.3529, 0.3490



58.7056, 0.3096, 0.3582



58.7056, 0.2741, 0.3072

Rectangle

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



58.7056, 0.3148, 0.3021



58.7056, 0.3451, 0.3265



58.7056, 0.3096, 0.3582



58.7056, 0.2812, 0.3303

Sweetspot

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



58.7081, 0.3148, 0.3021



95.1954, 0.3132, 0.3220



55.2724, 0.2954, 0.2993



20.1079, 0.3134, 0.3201



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.



58.7081, 0.3148, 0.3021



79.2046, 0.3153, 0.2957



58.0863, 0.3241, 0.3157



13.2650, 0.3144, 0.3069



11.6905, 0.3315, 0.1600



0.7603, 0.3296, 0.1590

Inverse Universe

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



58.7081, 0.3148, 0.3021



79.2046, 0.3153, 0.2957



66.6816, 0.3026, 0.3427



13.2650, 0.3144, 0.3069



11.6905, 0.3315, 0.1600



0.7603, 0.3296, 0.1590

Previews

White Background



This preview shows how the Yxy color 58.7056, 0.3148, 0.3021 looks on a white background.

Color Contrast Check

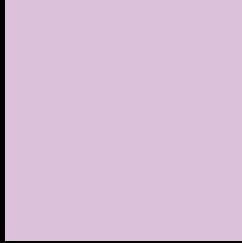
Large Text (above 18pt) WCAG AA × Fail

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 58.7056, 0.3148, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

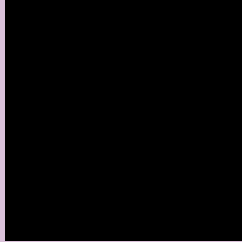
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7056, 0.3148, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 58.7056, 0.3148, 0.3021.



This preview shows how white text looks on a background with the Yxy color 58.7056, 0.3148, 0.3021.

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

58.7056, 0.3148, 0.3021

Protanopia

58.7246, 0.2965, 0.3034

Deuteranopia

58.8380, 0.3108, 0.3041



Tritanopia

58.6388, 0.3191, 0.3109

Trichromacy



Original Color

58.7056, 0.3148, 0.3021

Protanomaly

58.7304, 0.3024, 0.3026

Deuteranomaly

58.6911, 0.3124, 0.3031

Tritanomaly

58.7907, 0.3169, 0.3076

Monochromacy



Original Color

58.7056, 0.3148, 0.3021

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 58.7056, 0.3148, 0.3021 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 218) }
```

Border

The CSS property to change the border of an element to Yxy 58.7056, 0.3148, 0.3021 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, 218) }
```

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

```
.border{ border-color:rgb(219, 194, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7056, 0.3148, 0.3021 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, 218) }
```

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

```
.background{ background-color: rgb(219,  
194, 218) }
```

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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