

Converting Colors

$Yxy(58.2070, 0.3254, 0.3166)$

Have a look what the booklet for
Yxy(58.2070, 0.3254, 0.3166)
contains.

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Color

Yxy(58.2070, 0.3254, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	DCC2CD
RGB	220, 194, 205
RGB Percent	86%, 76%, 80%
CMY	0.1372, 0.2392, 0.1962
CMYK	0.00, 0.12, 0.07, 0.14
HSL	335°, 27%, 81%
HSV	335°, 12%, 86%
XYZ	59.8249, 58.2070, 65.8184
YIQ	203.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

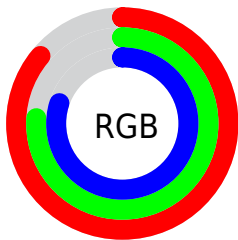
Format	Color
R _Y B	220, 194, 205
Decimal	14467789
CIE Lab	80.85, 11.03, -2.12
CIE LCh	81, 11.229, 349.134
Yxy	58.2070, 0.3254, 0.3166
Android (android.graphics.Color)	4292657869 (0xFFDCC2CD)
YUV	203.0280, 0.9722, 14.8844
Hunter-Lab	76.2935, 6.4555, 2.2560

Details

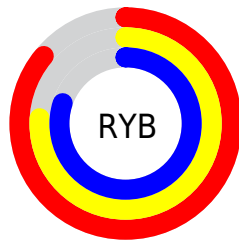
The Yxy color **58.2070, 0.3254, 0.3166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2668, 0.3016, 0.3417**, and the grayscale version is **59.7286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **28.9899, 0.3287, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **48.5406, 0.3387, 0.3055**, and if you desaturate by 10%, it is **69.3783, 0.3145, 0.3272**.

Distribution



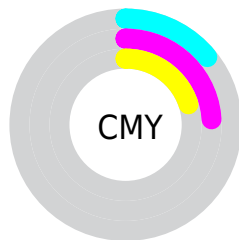
- Red (86%)
- Green (76%)
- Blue (80%)



- Red (86%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2070, 0.3254, 0.3166 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 58.2070, 0.3254, 0.3166 by changing the saturation by 10% instead.


 58.2070, 0.3254,
0.3166

 58.2070, 0.3254,
0.3166

417.9568, 0.3193,
0.3225

 41.9751, 0.3268,
0.3152

 102.2242, 0.3232,
0.3187

 29.0818, 0.3287,
0.3134


130.7784, 0.3224,
0.3195

 19.1427, 0.3310,
0.3112


164.2087, 0.3217,
0.3202

 11.7734, 0.3342,
0.3081

202.8995, 0.3211,
0.3208

 6.5896, 0.3387,
0.3038

247.2354, 0.3206,
0.3213

 3.2068, 0.3456,
0.2973

297.6006, 0.3201,

 1.2406, 0.3574,

0.3218

0.2862

354.3797, 0.3197,
0.3222

0.0945, 0.5097,
0.1342

0.0000, 0.0000,
0.0000

58.2070, 0.3254,
0.3166

58.2070, 0.3254,
0.3166

48.5406, 0.3387,
0.3055

69.3783, 0.3145,
0.3272

40.3067, 0.3547,
0.2941

82.1075, 0.3055,
0.3370

33.4385, 0.3738,
0.2829

93.2169, 0.2981,
0.3411

27.8608, 0.3963,
0.2726

93.9570, 0.2917,
0.3289

■ 23.4911, 0.4221,
0.2642

■ 20.2370, 0.4504,
0.2591

■ 17.9929, 0.4801,
0.2585

■ 16.6320, 0.5093,
0.2631

■ 16.0028, 0.5317,
0.2703

Harmonies

Analogous

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



58.2070, 0.3108, 0.3078



58.2070, 0.3254, 0.3166



58.2070, 0.3367, 0.3286

Triad

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



58.2070, 0.3254, 0.3166



58.2070, 0.3282, 0.3546



58.2070, 0.2848, 0.3160

Complementary

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



58.2070, 0.3254, 0.3166



67.2668, 0.3016, 0.3417

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.



58.2070, 0.2892, 0.3287



58.2070, 0.3254, 0.3166



58.2070, 0.3141, 0.3515

Square

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



58.2070, 0.3254, 0.3166



58.2070, 0.3384, 0.3506



58.2070, 0.2999, 0.3419



58.2070, 0.2876, 0.3072

Rectangle

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



58.2070, 0.3254, 0.3166



58.2070, 0.3408, 0.3370



58.2070, 0.2999, 0.3419



58.2070, 0.2855, 0.3199

Sweetspot

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



58.2096, 0.3254, 0.3166



93.2897, 0.3167, 0.3249



57.2717, 0.3053, 0.2992



19.7062, 0.3175, 0.3241



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.



58.2096, 0.3254, 0.3166



78.0404, 0.3282, 0.3141



58.4748, 0.3337, 0.3310



13.1422, 0.3226, 0.3192



9.4123, 0.5278, 0.2681



0.6267, 0.4861, 0.2451

Inverse Universe

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



58.2096, 0.3254, 0.3166



78.0404, 0.3282, 0.3141



66.9235, 0.2946, 0.3270



13.1422, 0.3226, 0.3192



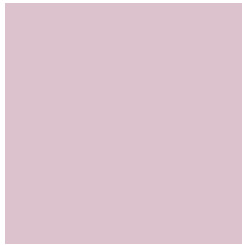
9.4123, 0.5278, 0.2681



0.6267, 0.4861, 0.2451

Previews

White Background



This preview shows how the Yxy color 58.2070, 0.3254, 0.3166 looks on a white background.

Color Contrast Check

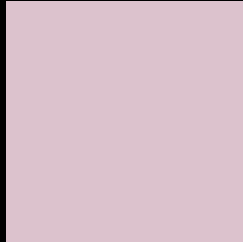
Large Text (above 18pt) WCAG AA × Fail

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 58.2070, 0.3254, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

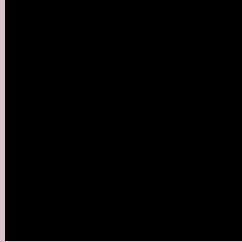
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2070, 0.3254, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 58.2070, 0.3254, 0.3166.



This preview shows how white text looks on a background with the Yxy color 58.2070, 0.3254, 0.3166.

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

58.2070, 0.3254, 0.3166

Protanopia

58.4192, 0.3085, 0.3196

Deuteranopia

58.3434, 0.3237, 0.3176



Tritanopia

58.1155, 0.3232, 0.3110

Trichromacy



Original Color

58.2070, 0.3254, 0.3166

Protanomaly

58.4485, 0.3148, 0.3186

Deuteranomaly

58.4981, 0.3245, 0.3177

Tritanomaly

58.0661, 0.3240, 0.3121

Monochromacy



Original Color

58.2070, 0.3254, 0.3166

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 58.2070, 0.3254, 0.3166 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(220, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(220, 194, 205)  
}
```

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(220, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 194, 205) }
```

Border

The CSS property to change the border of an element to Yxy 58.2070, 0.3254, 0.3166 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(220, 194, 205) }
```

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

```
.border{ border-color:rgb(220, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(220, 194,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2070, 0.3254, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 194, 205) }
```

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

```
.background{ background-color: rgb(220,  
194, 205) }
```

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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