

Converting Colors

$Yxy(51.6455, 0.3419, 0.3198)$

Have a look what the booklet for
Yxy(51.6455, 0.3419, 0.3198)
contains.

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Color

Yxy(51.6455, 0.3419, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	DDB4BC
RGB	221, 180, 188
RGB Percent	87%, 71%, 74%
CMY	0.1334, 0.2941, 0.2628
CMYK	0.00, 0.19, 0.15, 0.13
HSL	348°, 38%, 79%
HSV	348°, 19%, 87%
XYZ	55.2145, 51.6455, 54.6331
YIQ	193.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

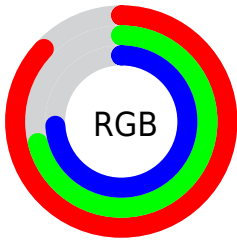
Format	Color
R _Y B	221, 180, 188
Decimal	14529724
CIE Lab	77.07, 16.04, 1.54
CIE LCh	77, 16.114, 5.472
Yxy	51.6455, 0.3419, 0.3198
Android (android.graphics.Color)	4292719804 (0xFFDDB4BC)
YUV	193.1710, -2.5493, 24.4060
Hunter-Lab	71.8648, 11.3801, 5.2319

Details

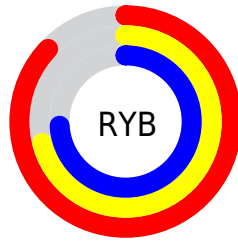
The Yxy color **51.6455, 0.3419, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.2166, 0.2897, 0.3384**, and the grayscale version is **53.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7826, 0.3204, 0.3212**, and **24.9273, 0.3492, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **42.7040, 0.3631, 0.3145**, and if you desaturate by 10%, it is **62.1088, 0.3247, 0.3249**.

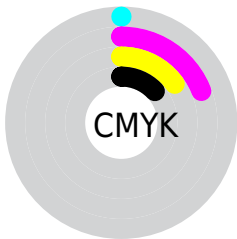
Distribution



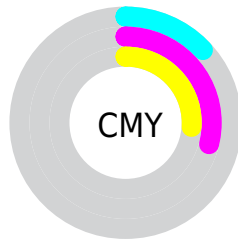
- Red (87%)
- Green (71%)
- Blue (74%)



- Red (87%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6455, 0.3419, 0.3198 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 51.6455, 0.3419, 0.3198 by changing the saturation by 10% instead.


 51.6455, 0.3419,
0.3198

 51.6455, 0.3419,
0.3198


393.0665, 0.3275,
0.3244

 36.7226, 0.3454,
0.3187


 92.6082, 0.3367,
0.3215

 24.9928, 0.3499,
0.3172


119.4168, 0.3348,
0.3221

 16.0717, 0.3559,
0.3152


150.9561, 0.3331,
0.3226

 9.5749, 0.3640,
0.3125

187.6104, 0.3317,
0.3231

 5.1180, 0.3760,
0.3085

229.7643, 0.3304,
0.3235

 2.3167, 0.3952,
0.3019

277.8020, 0.3293,

 0.7825, 0.4340,

0.3238

0.2900

332.1079, 0.3284,
0.3241

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6455, 0.3419,
0.3198

51.6455, 0.3419,
0.3198

42.7040, 0.3631,
0.3145

62.1088, 0.3247,
0.3249

35.2065, 0.3891,
0.3092

74.1529, 0.3109,
0.3297

29.0792, 0.4204,
0.3045

87.8422, 0.2997,
0.3341

24.2385, 0.4569,
0.3009

94.1107, 0.2923,
0.3289

■ 20.5921, 0.4975,
0.2993

■ 18.0349, 0.5392,
0.3006

■ 16.4435, 0.5774,
0.3055

■ 15.6351, 0.6075,
0.3131

■ 15.5456, 0.6112,
0.3141

Harmonies

Analogous

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



51.6455, 0.3218, 0.3040



51.6455, 0.3419, 0.3198



51.6455, 0.3541, 0.3383

Triad

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



51.6455, 0.3419, 0.3198



51.6455, 0.3246, 0.3665



51.6455, 0.2723, 0.3013

Complementary

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



51.6455, 0.3419, 0.3198



66.2166, 0.2897, 0.3384

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.



51.6455, 0.2730, 0.3174



51.6455, 0.3419, 0.3198



51.6455, 0.3027, 0.3561

Square

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



51.6455, 0.3419, 0.3198



51.6455, 0.3437, 0.3658



51.6455, 0.2840, 0.3377



51.6455, 0.2819, 0.2932

Rectangle

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



51.6455, 0.3419, 0.3198



51.6455, 0.3559, 0.3500



51.6455, 0.2840, 0.3377



51.6455, 0.2713, 0.3059

Sweetspot

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



51.6478, 0.3419, 0.3198



89.8556, 0.3210, 0.3261



51.9818, 0.3081, 0.2822



19.0069, 0.3220, 0.3258



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.



51.6478, 0.3419, 0.3198



66.7057, 0.3491, 0.3179



56.4993, 0.3462, 0.3433



13.0928, 0.3261, 0.3245



9.0442, 0.6078, 0.3122



0.5981, 0.5631, 0.2876

Inverse Universe

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



51.6478, 0.3419, 0.3198



66.7057, 0.3491, 0.3179



60.3765, 0.2842, 0.3142



13.0928, 0.3261, 0.3245



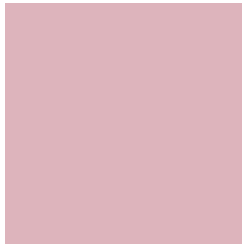
9.0442, 0.6078, 0.3122



0.5981, 0.5631, 0.2876

Previews

White Background



This preview shows how the Yxy color 51.6455, 0.3419, 0.3198 looks on a white background.

Color Contrast Check

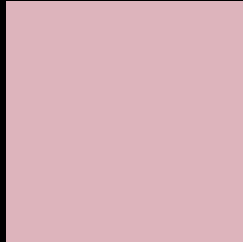
Large Text (above 18pt) WCAG AA × Fail

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 51.6455, 0.3419, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

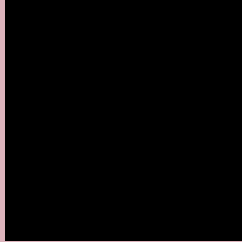
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6455, 0.3419, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 51.6455, 0.3419, 0.3198.



This preview shows how white text looks on a background with the Yxy color 51.6455, 0.3419, 0.3198.

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

51.6455, 0.3419, 0.3198

Protanopia

52.0146, 0.3129, 0.3253

Deuteranopia

51.5705, 0.3325, 0.3255



Tritanopia

51.6201, 0.3387, 0.3129

Trichromacy



Original Color

51.6455, 0.3419, 0.3198

Protanomaly

51.5759, 0.3231, 0.3230

Deuteranomaly

51.7510, 0.3361, 0.3243

Tritanomaly

51.5314, 0.3404, 0.3152

Monochromacy



Original Color

51.6455, 0.3419, 0.3198

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.4245, 0.3229, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6455, 0.3419, 0.3198 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(221, 180, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 180, 188)  
}
```

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(221, 180, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 180, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.6455, 0.3419, 0.3198 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(221, 180, 188) }
```

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

```
.border{ border-color:rgb(221, 180, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 180, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 180, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 180, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 180,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6455, 0.3419, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 180, 188) }
```

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

```
.background{ background-color: rgb(221,  
180, 188) }
```

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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