

Converting Colors

$Y_{xy}(56.2228, 0.3274, 0.3197)$

Have a look what the booklet for
Yxy(56.2228, 0.3274, 0.3197)
contains.

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Color

Yxy(56.1368, 0.3279, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	D9BFC7
RGB	217, 191, 199
RGB Percent	85%, 75%, 78%
CMY	0.1490, 0.2510, 0.2196
CMYK	0.00, 0.12, 0.08, 0.15
HSL	342°, 26%, 80%
HSV	342°, 12%, 85%
XYZ	57.5587, 56.1368, 61.8418
YIQ	199.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

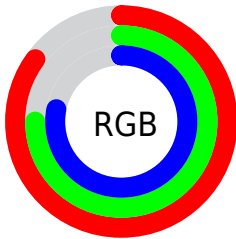
Format	Color
R _Y B	217, 191, 199
Decimal	14270407
CIE Lab	79.69, 10.56, -0.64
CIE LCh	80, 10.576, 356.510
Yxy	56.1368, 0.3279, 0.3198
Android (android.graphics.Color)	4292460487 (0xFFD9BFC7)
YUV	199.6860, -0.3382, 15.1844
Hunter-Lab	74.9245, 6.0098, 3.5099

Details

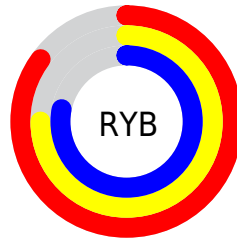
The Yxy color **56.1368, 0.3279, 0.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3123, 0.2995, 0.3384**, and the grayscale version is **57.5543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **27.9027, 0.3320, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **46.7013, 0.3437, 0.3116**, and if you desaturate by 10%, it is **67.0484, 0.3150, 0.3275**.

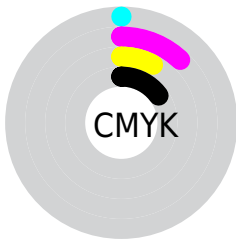
Distribution



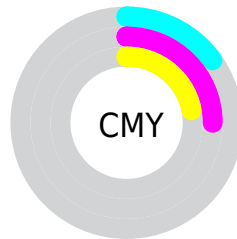
- Red (85%)
- Green (75%)
- Blue (78%)



- Red (85%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (15%)




- Cyan (15%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1368, 0.3279, 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 56.1368, 0.3279, 0.3198 by changing the saturation by 10% instead.

 56.1368, 0.3279,
0.3198

 56.1368, 0.3279,
0.3198


410.2068, 0.3206,
0.3243

 40.3126, 0.3297,
0.3187


 99.2046, 0.3253,
0.3214

 27.7824, 0.3319,
0.3174


127.2169, 0.3243,
0.3220

 18.1617, 0.3348,
0.3156


160.0608, 0.3234,
0.3225

 11.0661, 0.3388,
0.3133

198.1206, 0.3227,
0.3230

 6.1113, 0.3444,
0.3098

241.7807, 0.3221,
0.3233

 2.9129, 0.3533,
0.3046

291.4255, 0.3215,

 1.0864, 0.3689,

0.3237

0.2953

347.4394, 0.3210,
0.3240

0.0000, 0.9664,
0.0000

0.0000, 0.0000,
0.0000

56.1368, 0.3279,
0.3198

56.1368, 0.3279,
0.3198

46.7013, 0.3437,
0.3116

67.0484, 0.3150,
0.3275

38.6711, 0.3631,
0.3032

79.4884, 0.3045,
0.3347

31.9807, 0.3865,
0.2950

92.8092, 0.2959,
0.3402

26.5561, 0.4143,
0.2877

93.4938, 0.2900,
0.3289

■ 22.3164, 0.4463,
0.2821

■ 19.1713, 0.4815,
0.2794

■ 17.0171, 0.5177,
0.2809

■ 15.7296, 0.5519,
0.2871

■ 15.1572, 0.5760,
0.2947

Harmonies

Analogous

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



56.1368, 0.3144, 0.3104



56.1368, 0.3279, 0.3198



56.1368, 0.3374, 0.3316

Triad

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



56.1368, 0.3279, 0.3198



56.1368, 0.3244, 0.3533



56.1368, 0.2861, 0.3141

Complementary

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



56.1368, 0.3279, 0.3198



65.3123, 0.2995, 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.



56.1368, 0.2886, 0.3256



56.1368, 0.3279, 0.3198



56.1368, 0.3106, 0.3487

Square

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



56.1368, 0.3279, 0.3198



56.1368, 0.3353, 0.3511



56.1368, 0.2975, 0.3384



56.1368, 0.2904, 0.3070

Rectangle

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



56.1368, 0.3279, 0.3198



56.1368, 0.3401, 0.3395



56.1368, 0.2975, 0.3384



56.1368, 0.2861, 0.3176

Sweetspot

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



56.1393, 0.3279, 0.3198



93.2176, 0.3174, 0.3260



55.7944, 0.3076, 0.2990



19.6879, 0.3183, 0.3254



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.



56.1393, 0.3279, 0.3198



77.8096, 0.3310, 0.3181



57.8909, 0.3335, 0.3346



13.1173, 0.3244, 0.3218



9.1908, 0.5722, 0.2926



0.6106, 0.5255, 0.2669

Inverse Universe

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



56.1393, 0.3279, 0.3198



77.8096, 0.3310, 0.3181



63.2959, 0.2943, 0.3234



13.1173, 0.3244, 0.3218



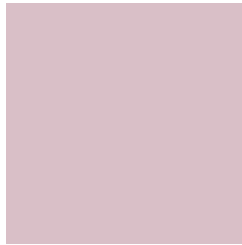
9.1908, 0.5722, 0.2926



0.6106, 0.5255, 0.2669

Previews

White Background



This preview shows how the Yxy color 56.1368, 0.3279, 0.3198 looks on a white background.

Color Contrast Check

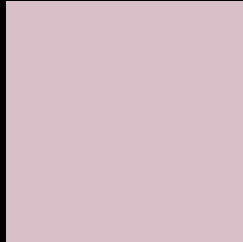
Large Text (above 18pt) WCAG AA × Fail

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 56.1368, 0.3279, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

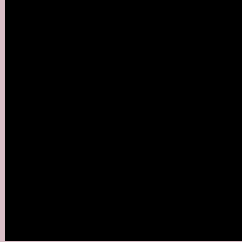
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1368, 0.3279, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 56.1368, 0.3279, 0.3198.



This preview shows how white text looks on a background with the Yxy color 56.1368, 0.3279, 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

56.1368, 0.3279, 0.3198

Protanopia

56.4761, 0.3114, 0.3230

Deuteranopia

55.9841, 0.3271, 0.3198



Tritanopia

56.1401, 0.3241, 0.3119

Trichromacy



Original Color

56.1368, 0.3279, 0.3198

Protanomaly

56.3691, 0.3170, 0.3219

Deuteranomaly

55.9841, 0.3271, 0.3198

Tritanomaly

56.0441, 0.3257, 0.3141

Monochromacy



Original Color

56.1368, 0.3279, 0.3198

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2244, 0.3176, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1368, 0.3279, 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(217, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 199)  
}
```

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(217, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.1368, 0.3279, 0.3198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

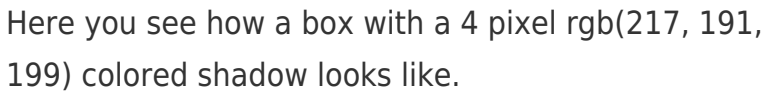
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 191, 199) }
```

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

```
.border{ border-color:rgb(217, 191, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 191, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 191, 199); box-shadow:4px 4px 4px 4px rgb(217, 191, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1368, 0.3279, 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(217, 191, 199) }
```

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

```
.background{ background-color: rgb(217,  
191, 199) }
```

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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