

Converting Colors

Yxy(47.3489, 0.3176, 0.3126)

Have a look what the booklet for
Yxy(47.3489, 0.3176, 0.3126)
contains.

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Color

Yxy(47.3381, 0.3178, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	C4B2BF
RGB	196, 178, 191
RGB Percent	77%, 70%, 75%
CMY	0.2313, 0.3020, 0.2509
CMYK	0.00, 0.09, 0.03, 0.23
HSL	317°, 13%, 73%
HSV	317°, 9%, 77%
XYZ	48.0948, 47.3381, 55.9038
YIQ	184.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

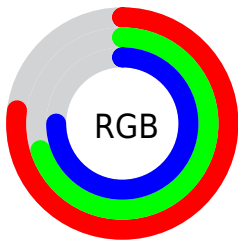
Format	Color
R_{YB}	196, 178, 191
Decimal	12890815
CIE Lab	74.41, 8.76, -4.28
CIE LCh	74, 9.744, 333.963
Yxy	47.3381, 0.3178, 0.3128
Android (android.graphics.Color)	4291080895 (0xFFC4B2BF)
YUV	184.8640, 3.0250, 9.7663
Hunter-Lab	68.8027, 4.3712, -0.0126

Details

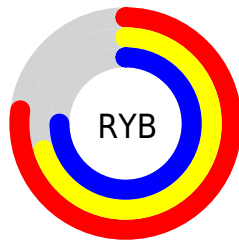
The Yxy color `47.3381, 0.3178, 0.3128` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.3724, 0.3080, 0.3458`, and the grayscale version is `48.4191, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.4437, 0.3173, 0.3163`, and `22.2530, 0.3185, 0.3071` is the 20% darker color. If you saturate the color by 10%, you get `39.8543, 0.3242, 0.2945`, and if you desaturate by 10%, it is `55.9495, 0.3123, 0.3304`.

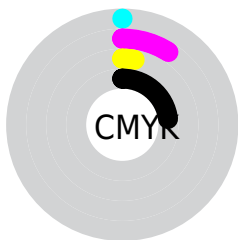
Distribution



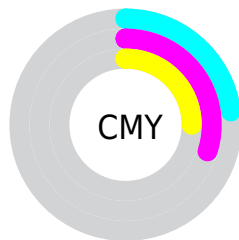
- Red (77%)
- Green (70%)
- Blue (75%)



- Red (77%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (23%)





- Cyan (23%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3381, 0.3178, 0.3128 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 47.3381, 0.3178, 0.3128 by changing the saturation by 10% instead.


 47.3381, 0.3178,
0.3128

 47.3381, 0.3178,
0.3128


376.1625, 0.3153,
0.3208

 33.3030, 0.3184,
0.3108


 86.2181, 0.3169,
0.3157

 22.3587, 0.3192,
0.3083


111.8318, 0.3166,
0.3168

 14.1207, 0.3202,
0.3050


142.0738, 0.3163,
0.3177

 8.2047, 0.3216,
0.3005

177.3285, 0.3160,
0.3185

 4.2262, 0.3236,
0.2939

217.9803, 0.3158,
0.3192

 1.8009, 0.3267,
0.2832

264.4137, 0.3156,

 0.4877, 0.3395,

0.3198

0.2445

317.0129, 0.3155,
0.3203

0.0000, 0.0000,
0.0000

47.3381, 0.3178,
0.3128

47.3381, 0.3178,
0.3128

39.8543, 0.3242,
0.2945

55.9495, 0.3123,
0.3304

33.4447, 0.3317,
0.2758

65.7267, 0.3077,
0.3470

28.0611, 0.3403,
0.2574

76.7136, 0.3038,
0.3624

23.6487, 0.3499,
0.2400

88.0510, 0.3005,
0.3753

20.1480, 0.3604,
0.2246

88.3314, 0.2976,
0.3691

■ 17.4928, 0.3715,
0.2123

■ 88.6212, 0.2947,
0.3630

■ 15.6079, 0.3830,
0.2040

■ 88.9203, 0.2918,
0.3569

■ 14.4044, 0.3945,
0.2005

■ 89.2290, 0.2889,
0.3509

■ 13.7283, 0.4057,
0.2012

■ 89.5473, 0.2861,
0.3450

Harmonies

Analogous

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



47.3381, 0.3041, 0.3069



47.3381, 0.3178, 0.3128



47.3381, 0.3303, 0.3228

Triad

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



47.3381, 0.3178, 0.3128



47.3381, 0.3326, 0.3517



47.3381, 0.2880, 0.3226

Complementary

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



47.3381, 0.3178, 0.3128



52.3724, 0.3080, 0.3458

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.



47.3381, 0.2953, 0.3351



47.3381, 0.3178, 0.3128



47.3381, 0.3209, 0.3522

Square

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



47.3381, 0.3178, 0.3128



47.3381, 0.3389, 0.3451



47.3381, 0.3073, 0.3461



47.3381, 0.2871, 0.3123

Rectangle

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



47.3381, 0.3178, 0.3128



47.3381, 0.3362, 0.3306



47.3381, 0.3073, 0.3461



47.3381, 0.2897, 0.3267

Sweetspot

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



47.3402, 0.3178, 0.3128



95.0799, 0.3143, 0.3237



45.8687, 0.3026, 0.3059



20.0766, 0.3148, 0.3223



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.



47.3402, 0.3178, 0.3128



82.8998, 0.3190, 0.3092



46.9634, 0.3251, 0.3237



10.1983, 0.3179, 0.3125



8.8037, 0.4051, 0.2005



0.3916, 0.3823, 0.1880

Inverse Universe

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



47.3402, 0.3178, 0.3128



82.8998, 0.3190, 0.3092



52.7513, 0.3017, 0.3343



10.1983, 0.3179, 0.3125



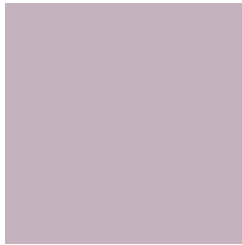
8.8037, 0.4051, 0.2005



0.3916, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 47.3381, 0.3178, 0.3128 looks on a white background.

Color Contrast Check

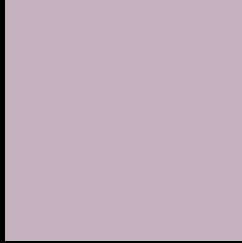
Large Text (above 18pt) WCAG AA × Fail

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 47.3381, 0.3178, 0.3128 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 47.3381, 0.3178, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 47.3381, 0.3178, 0.3128.



This preview shows how white text looks on a background with the Yxy color 47.3381, 0.3178, 0.3128.

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

47.3381, 0.3178, 0.3128

Protanopia

47.3734, 0.3050, 0.3149

Deuteranopia

47.4727, 0.3187, 0.3129



Tritanopia

47.3823, 0.3170, 0.3116

Trichromacy



Original Color

47.3381, 0.3178, 0.3128

Protanomaly

47.5449, 0.3100, 0.3151

Deuteranomaly

47.4727, 0.3187, 0.3129

Tritanomaly

47.3823, 0.3170, 0.3116

Monochromacy



Original Color

47.3381, 0.3178, 0.3128

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8626, 0.3147, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3381, 0.3178, 0.3128 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(196, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 191)  
}
```

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(196, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 191) }
```

Border

The CSS property to change the border of an element to Yxy 47.3381, 0.3178, 0.3128 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(196, 178, 191) }
```

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

```
.border{ border-color:rgb(196, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3381, 0.3178, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 191) }
```

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

```
.background{ background-color: rgb(196,  
178, 191) }
```

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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