

Converting Colors

$Yxy(47.7898, 0.3208, 0.3215)$

Have a look what the booklet for
Yxy(47.7898, 0.3208, 0.3215)
contains.

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Color

Yxy(47.7898, 0.3208, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	C3B4BA
RGB	195, 180, 186
RGB Percent	76%, 71%, 73%
CMY	0.2354, 0.2941, 0.2705
CMYK	0.00, 0.08, 0.05, 0.24
HSL	336°, 11%, 74%
HSV	336°, 8%, 76%
XYZ	47.6857, 47.7898, 53.1708
YIQ	185.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

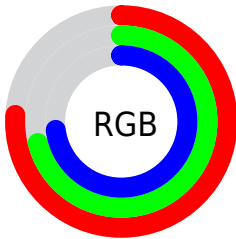
Format	Color
R _Y B	195, 180, 186
Decimal	12825786
CIE Lab	74.69, 6.39, -1.13
CIE LCh	75, 6.486, 349.971
Yxy	47.7898, 0.3208, 0.3215
Android (android.graphics.Color)	4291015866 (0xFFC3B4BA)
YUV	185.1690, 0.4097, 8.6218
Hunter-Lab	69.1302, 2.1509, 2.7888

Details

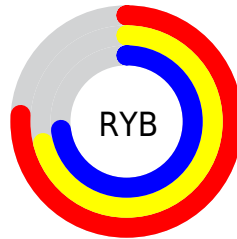
The Yxy color $47.7898, 0.3208, 0.3215$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.3970, 0.3053, 0.3366$, and the grayscale version is $48.6092, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.0972, 0.3197, 0.3231$, and $22.5349, 0.3227, 0.3188$ is the 20% darker color. If you saturate the color by 10%, you get $39.9881, 0.3333, 0.3112$, and if you desaturate by 10%, it is $56.7436, 0.3105, 0.3312$.

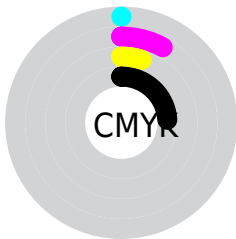
Distribution



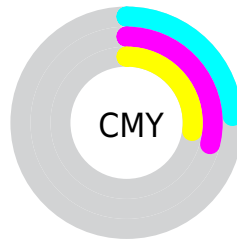
- Red (76%)
- Green (71%)
- Blue (73%)



- Red (76%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (24%)





- Cyan (24%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7898, 0.3208, 0.3215 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 47.7898, 0.3208, 0.3215 by changing the saturation by 10% instead.


 47.7898, 0.3208,
0.3215

 47.7898, 0.3208,
0.3215


377.9583, 0.3168,
0.3252

 33.6605, 0.3218,
0.3206

 86.8914, 0.3193,
0.3228

 22.6329, 0.3231,
0.3194


112.6324, 0.3188,
0.3234

 14.3227, 0.3248,
0.3178


143.0127, 0.3183,
0.3238

 8.3454, 0.3271,
0.3157

178.4168, 0.3179,
0.3242

 4.3168, 0.3306,
0.3125

219.2290, 0.3176,
0.3245

 1.8523, 0.3364,
0.3072

265.8337, 0.3173,

 0.5195, 0.3582,

0.3248

0.2864

318.6154, 0.3170,
0.3250

0.0000, 0.0000,
0.0000

47.7898, 0.3208,
0.3215

47.7898, 0.3208,
0.3215

39.9881, 0.3333,
0.3112

56.7436, 0.3105,
0.3312

33.2854, 0.3485,
0.3005

66.8876, 0.3020,
0.3402

27.6335, 0.3668,
0.2897

78.2656, 0.2951,
0.3485

22.9784, 0.3885,
0.2795

88.9869, 0.2892,
0.3529

19.2610, 0.4136,
0.2707

89.6758, 0.2832,
0.3402

■ 16.4160, 0.4419,
0.2645

■ 90.3388, 0.2778,
0.3289

■ 14.3698, 0.4722,
0.2621

■ 13.0360, 0.5029,
0.2645

■ 12.2896, 0.5318,
0.2720

Harmonies

Analogous

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



47.7898, 0.3119, 0.3159



47.7898, 0.3208, 0.3215



47.7898, 0.3276, 0.3291

Triad

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



47.7898, 0.3208, 0.3215



47.7898, 0.3221, 0.3447



47.7898, 0.2953, 0.3209

Complementary

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



47.7898, 0.3208, 0.3215



52.3970, 0.3053, 0.3366

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.



47.7898, 0.2980, 0.3287



47.7898, 0.3208, 0.3215



47.7898, 0.3134, 0.3426

Square

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



47.7898, 0.3208, 0.3215



47.7898, 0.3284, 0.3425



47.7898, 0.3046, 0.3367



47.7898, 0.2972, 0.3155

Rectangle

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



47.7898, 0.3208, 0.3215



47.7898, 0.3300, 0.3343



47.7898, 0.3046, 0.3367



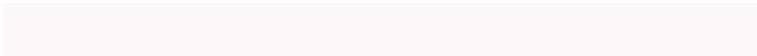
47.7898, 0.2957, 0.3233

Sweetspot

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



47.7919, 0.3208, 0.3215



94.4127, 0.3147, 0.3271



47.3721, 0.3083, 0.3101



20.7107, 0.3146, 0.3272



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.



47.7919, 0.3208, 0.3215



83.4452, 0.3225, 0.3200



48.0478, 0.3256, 0.3306



10.1433, 0.3227, 0.3198



7.9155, 0.5349, 0.2720



0.3556, 0.4760, 0.2396

Inverse Universe

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



47.7919, 0.3208, 0.3215



83.4452, 0.3225, 0.3200



52.1066, 0.3010, 0.3274



10.1433, 0.3227, 0.3198



7.9155, 0.5349, 0.2720



0.3556, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 47.7898, 0.3208, 0.3215 looks on a white background.

Color Contrast Check

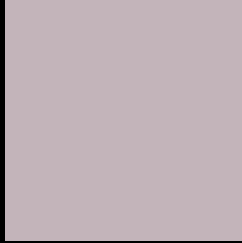
Large Text (above 18pt) WCAG AA × Fail

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 47.7898, 0.3208, 0.3215 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 47.7898, 0.3208, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 47.7898, 0.3208, 0.3215.



This preview shows how white text looks on a background with the Yxy color 47.7898, 0.3208, 0.3215.

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

47.7898, 0.3208, 0.3215

Protanopia

47.9369, 0.3113, 0.3226

Deuteranopia

47.6653, 0.3254, 0.3191



Tritanopia

47.8262, 0.3161, 0.3116

Trichromacy



Original Color

47.7898, 0.3208, 0.3215

Protanomaly

47.8626, 0.3147, 0.3227

Deuteranomaly

47.7911, 0.3235, 0.3203

Tritanomaly

47.6937, 0.3185, 0.3153

Monochromacy



Original Color

47.7898, 0.3208, 0.3215

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1886, 0.3162, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7898, 0.3208, 0.3215 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(195, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 186)  
}
```

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(195, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.7898, 0.3208, 0.3215 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(195, 180, 186) }
```

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

```
.border{ border-color:rgb(195, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(195, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7898, 0.3208, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 186) }
```

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

```
.background{ background-color: rgb(195,  
180, 186) }
```

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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