

Converting Colors

$Yxy(47.8395, 0.3225, 0.3183)$

Have a look what the booklet for
Yxy(47.8395, 0.3225, 0.3183)
contains.

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Color

Yxy(47.8768, 0.3219, 0.3179)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6B3BC |
| RGB | 198, 179, 188 |
| RGB Percent | 78%, 70%, 74% |
| CMY | 0.2236, 0.2980, 0.2628 |
| CMYK | 0.00, 0.10, 0.05, 0.22 |
| HSL | 332°, 14%, 74% |
| HSV | 332°, 10%, 78% |
| XYZ | 48.4792, 47.8768, 54.2473 |
| YIQ | 185.7070, 8.4350, 6.8270 |

Conversions

Conversions Part 2

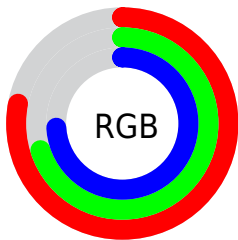
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 198, 179, 188 |
| Decimal | 13022140 |
| CIE _{Lab} | 74.75, 8.34, -2.09 |
| CIE _{LCh} | 75, 8.599, 345.930 |
| Yxy | 47.8768, 0.3219, 0.3179 |
| Android (android.graphics.Color) | 4291212220 (0xFFC6B3BC) |
| YUV | 185.7070, 1.1304, 10.7810 |
| Hunter-Lab | 69.1931, 3.9758, 1.9518 |

Details

The Yxy color $47.8768, 0.3219, 0.3179$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.6392, 0.3044, 0.3404$, and the grayscale version is $48.9195, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2083, 0.3205, 0.3203$, and $22.6003, 0.3242, 0.3139$ is the 20% darker color. If you saturate the color by 10%, you get $40.0694, 0.3334, 0.3057$, and if you desaturate by 10%, it is $56.8604, 0.3123, 0.3295$.

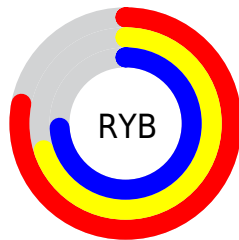
Distribution



Red (78%)

Green (70%)

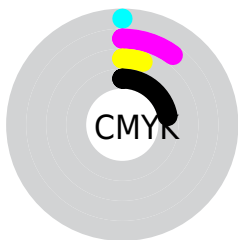
Blue (74%)



Red (78%)

Yellow (70%)

Blue (74%)

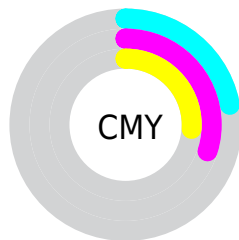


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (30%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8768, 0.3219, 0.3179 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 47.8768, 0.3219, 0.3179 by changing the saturation by 10% instead.

 47.8768, 0.3219,
0.3179

 47.8768, 0.3219,
0.3179


378.3036, 0.3174,
0.3234

 33.7293, 0.3230,
0.3165


 87.0209, 0.3203,
0.3199

 22.6857, 0.3245,
0.3148


112.7864, 0.3196,
0.3206

 14.3616, 0.3264,
0.3125

143.1933, 0.3191,
0.3213

 8.3726, 0.3290,
0.3094

178.6261, 0.3187,
0.3218

 4.3343, 0.3329,
0.3048

219.4691, 0.3183,
0.3223

 1.8623, 0.3393,
0.2972

266.1068, 0.3179,

 0.5255, 0.3611,

0.3227

0.2699

318.9235, 0.3176,
0.3231

0.0000, 0.0000,
0.0000

47.8768, 0.3219,
0.3179

47.8768, 0.3219,
0.3179

40.0694, 0.3334,
0.3057

56.8604, 0.3123,
0.3295

33.3829, 0.3473,
0.2931

67.0599, 0.3045,
0.3403

27.7669, 0.3638,
0.2805

78.5212, 0.2980,
0.3502

23.1647, 0.3832,
0.2688

89.2224, 0.2925,
0.3561

19.5143, 0.4053,
0.2587

89.8262, 0.2870,
0.3447

■ 16.7469, 0.4299,
0.2514

■ 90.4657, 0.2816,
0.3335

■ 14.7841, 0.4560,
0.2484

■ 90.7429, 0.2794,
0.3289

■ 13.5336, 0.4823,
0.2504

■ 12.8285, 0.5076,
0.2573

Harmonies

Analogous

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



47.8768, 0.3099, 0.3111



47.8768, 0.3219, 0.3179



47.8768, 0.3316, 0.3276

Triad

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



47.8768, 0.3219, 0.3179



47.8768, 0.3265, 0.3498



47.8768, 0.2899, 0.3194

Complementary

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



47.8768, 0.3219, 0.3179



53.6392, 0.3044, 0.3404

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.



47.8768, 0.2942, 0.3300



47.8768, 0.3219, 0.3179



47.8768, 0.3152, 0.3478

Square

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



47.8768, 0.3219, 0.3179



47.8768, 0.3342, 0.3461



47.8768, 0.3034, 0.3405



47.8768, 0.2916, 0.3117

Rectangle

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



47.8768, 0.3219, 0.3179



47.8768, 0.3353, 0.3346



47.8768, 0.3034, 0.3405



47.8768, 0.2907, 0.3228

Sweetspot

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



47.8789, 0.3219, 0.3179



94.9586, 0.3155, 0.3255



47.1175, 0.3061, 0.3052



20.0438, 0.3162, 0.3246



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.



47.8789, 0.3219, 0.3179



82.4740, 0.3236, 0.3160



47.6313, 0.3293, 0.3294



10.7190, 0.3217, 0.3181



8.3448, 0.5056, 0.2559



0.4097, 0.4571, 0.2292

Inverse Universe

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



47.8789, 0.3219, 0.3179



82.4740, 0.3236, 0.3160



53.8961, 0.2981, 0.3286



10.7190, 0.3217, 0.3181



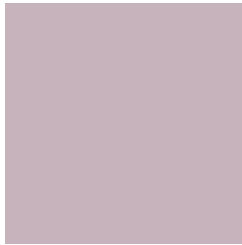
8.3448, 0.5056, 0.2559



0.4097, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 47.8768, 0.3219, 0.3179 looks on a white background.

Color Contrast Check

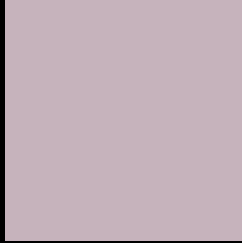
Large Text (above 18pt) WCAG AA × Fail

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 47.8768, 0.3219, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

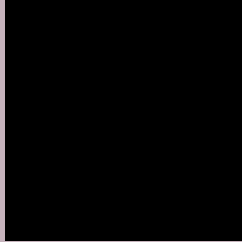
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8768, 0.3219, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 47.8768, 0.3219, 0.3179.



This preview shows how white text looks on a background with the Yxy color 47.8768, 0.3219, 0.3179.

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

47.8768, 0.3219, 0.3179

Protanopia

47.8990, 0.3089, 0.3201

Deuteranopia

47.7510, 0.3237, 0.3167



Tritanopia

47.7887, 0.3196, 0.3118

Trichromacy



Original Color

47.8768, 0.3219, 0.3179

Protanomaly

48.0772, 0.3140, 0.3202

Deuteranomaly

47.6137, 0.3229, 0.3166

Tritanomaly

47.7445, 0.3204, 0.3130

Monochromacy



Original Color

47.8768, 0.3219, 0.3179

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.4020, 0.3155, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8768, 0.3219, 0.3179 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(198, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 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(198, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 188) }
```

Border

The CSS property to change the border of an element to Yxy 47.8768, 0.3219, 0.3179 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(198, 179, 188) }
```

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

```
.border{ border-color:rgb(198, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8768, 0.3219, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 188) }
```

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

```
.background{ background-color: rgb(198,  
179, 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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