

Converting Colors

$Yxy(48.6480, 0.3222, 0.3173)$

Have a look what the booklet for
Yxy(48.6480, 0.3222, 0.3173)
contains.

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Color

Yxy(48.6396, 0.3219, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	C8B4BE
RGB	200, 180, 190
RGB Percent	78%, 71%, 75%
CMY	0.2156, 0.2941, 0.2549
CMYK	0.00, 0.10, 0.05, 0.22
HSL	330°, 15%, 75%
HSV	330°, 10%, 78%
XYZ	49.4382, 48.6396, 55.5047
YIQ	187.1200, 8.7100, 7.3500

Conversions

Conversions Part 2

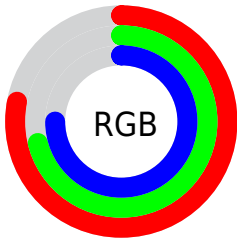
Format	Color
R _Y B	200, 180, 190
Decimal	13153470
CIE Lab	75.23, 8.89, -2.48
CIE LCh	75, 9.231, 344.418
Yxy	48.6396, 0.3219, 0.3167
Android (android.graphics.Color)	4291343550 (0xFFC8B4BE)
YUV	187.1200, 1.4198, 11.2958
Hunter-Lab	69.7421, 4.4850, 1.6331

Details

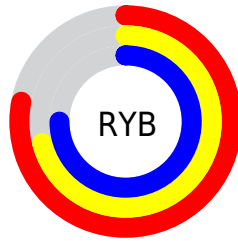
The Yxy color $48.6396, 0.3219, 0.3167$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.7352, 0.3044, 0.3416$, and the grayscale version is $49.7556, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.9047, 0.3192, 0.3193$, and $23.0959, 0.3241, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $40.7182, 0.3330, 0.3038$, and if you desaturate by 10%, it is $57.7605, 0.3127, 0.3290$.

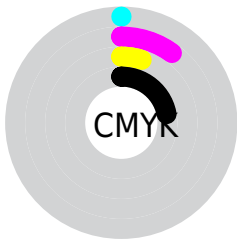
Distribution



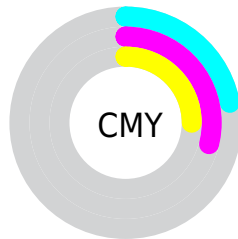
- Red (78%)
- Green (71%)
- Blue (75%)



- Red (78%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6396, 0.3219, 0.3167 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 48.6396, 0.3219, 0.3167 by changing the saturation by 10% instead.


 48.6396, 0.3219,
0.3167

 48.6396, 0.3219,
0.3167

381.3218, 0.3174,
0.3228

 34.3337, 0.3230,
0.3152


 88.1559, 0.3203,
0.3189

 23.1501, 0.3244,
0.3133


114.1352, 0.3197,
0.3197

 14.7043, 0.3263,
0.3108

144.7742, 0.3191,
0.3204

 8.6122, 0.3289,
0.3074

180.4576, 0.3187,
0.3210

 4.4891, 0.3327,
0.3024

221.5697, 0.3183,
0.3215

 1.9507, 0.3389,
0.2943

268.4948, 0.3179,

 0.5786, 0.3569,

0.3220

0.2692

321.6173, 0.3176,
0.3224

0.0000, 0.0000,
0.0000

48.6396, 0.3219,
0.3167

48.6396, 0.3219,
0.3167

40.7182, 0.3330,
0.3038

57.7605, 0.3127,
0.3290

33.9397, 0.3462,
0.2904

68.1217, 0.3051,
0.3405

28.2522, 0.3619,
0.2772

79.7702, 0.2989,
0.3511

23.5977, 0.3802,
0.2648

89.5135, 0.2936,
0.3558

19.9122, 0.4011,
0.2541

90.0912, 0.2883,
0.3449

■ 17.1251, 0.4241,
0.2465

■ 90.7016, 0.2831,
0.3342

■ 15.1555, 0.4485,
0.2430

■ 91.0211, 0.2805,
0.3289

■ 13.9082, 0.4731,
0.2447

■ 13.2027, 0.4969,
0.2511

Harmonies

Analogous

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



48.6396, 0.3090, 0.3096



48.6396, 0.3219, 0.3167



48.6396, 0.3324, 0.3269

Triad

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



48.6396, 0.3219, 0.3167



48.6396, 0.3280, 0.3512



48.6396, 0.2885, 0.3193

Complementary

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



48.6396, 0.3219, 0.3167



54.7352, 0.3044, 0.3416

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.



48.6396, 0.2933, 0.3306



48.6396, 0.3219, 0.3167



48.6396, 0.3160, 0.3494

Square

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



48.6396, 0.3219, 0.3167



48.6396, 0.3360, 0.3469



48.6396, 0.3033, 0.3418



48.6396, 0.2899, 0.3109

Rectangle

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



48.6396, 0.3219, 0.3167



48.6396, 0.3366, 0.3344



48.6396, 0.3033, 0.3418



48.6396, 0.2894, 0.3229

Sweetspot

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



48.6417, 0.3219, 0.3167



94.9721, 0.3153, 0.3253



47.7181, 0.3052, 0.3040



20.0475, 0.3161, 0.3244



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.



48.6417, 0.3219, 0.3167



81.0607, 0.3241, 0.3139



48.2323, 0.3299, 0.3286



10.7240, 0.3213, 0.3175



8.4117, 0.4938, 0.2494



0.4129, 0.4483, 0.2243

Inverse Universe

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



48.6417, 0.3219, 0.3167



81.0607, 0.3241, 0.3139



55.1727, 0.2977, 0.3294



10.7240, 0.3213, 0.3175



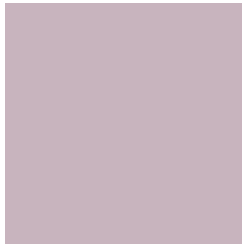
8.4117, 0.4938, 0.2494



0.4129, 0.4483, 0.2243

Previews

White Background



This preview shows how the Yxy color 48.6396, 0.3219, 0.3167 looks on a white background.

Color Contrast Check

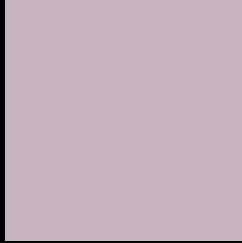
Large Text (above 18pt) WCAG AA × Fail

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 48.6396, 0.3219, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

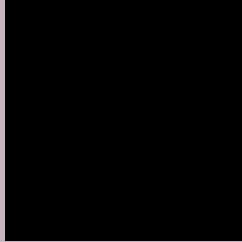
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6396, 0.3219, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 48.6396, 0.3219, 0.3167.



This preview shows how white text looks on a background with the Yxy color 48.6396, 0.3219, 0.3167.

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

48.6396, 0.3219, 0.3167

Protanopia

48.5703, 0.3074, 0.3176

Deuteranopia

48.7777, 0.3228, 0.3168



Tritanopia

48.5527, 0.3196, 0.3107

Trichromacy



Original Color

48.6396, 0.3219, 0.3167

Protanomaly

48.7491, 0.3124, 0.3177

Deuteranomaly

48.7777, 0.3228, 0.3168

Tritanomaly

48.5080, 0.3204, 0.3119

Monochromacy



Original Color

48.6396, 0.3219, 0.3167

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1183, 0.3163, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6396, 0.3219, 0.3167 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(200, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 180, 190)  
}
```

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(200, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 180, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.6396, 0.3219, 0.3167 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(200, 180, 190) }
```

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

```
.border{ border-color:rgb(200, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 180,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6396, 0.3219, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 180, 190) }
```

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

```
.background{ background-color: rgb(200,  
180, 190) }
```

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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