

Converting Colors

$Yxy(48.8106, 0.3235, 0.3215)$

Have a look what the booklet for
Yxy(48.8106, 0.3235, 0.3215)
contains.

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Color

Yxy(48.7777, 0.3234, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	C7B5BB
RGB	199, 181, 187
RGB Percent	78%, 71%, 73%
CMY	0.2195, 0.2902, 0.2667
CMYK	0.00, 0.09, 0.06, 0.22
HSL	340°, 14%, 75%
HSV	340°, 9%, 78%
XYZ	49.0507, 48.7777, 53.8435
YIQ	187.0660, 8.8020, 5.6820

Conversions

Conversions Part 2

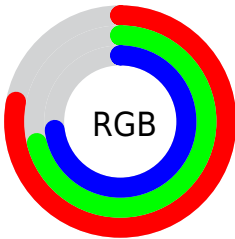
Format	Color
R _Y B	199, 181, 187
Decimal	13088187
CIE Lab	75.31, 7.47, -0.72
CIE LCh	75, 7.502, 354.485
Yxy	48.7777, 0.3234, 0.3216
Android (android.graphics.Color)	4291278267 (0xFFC7B5BB)
YUV	187.0660, -0.0325, 10.4661
Hunter-Lab	69.8410, 3.1422, 3.1794

Details

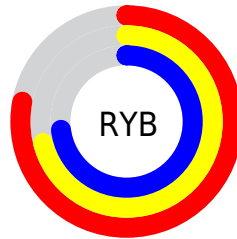
The Yxy color $48.7777, 0.3234, 0.3216$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.5313, 0.3031, 0.3365$, and the grayscale version is $49.7321, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2994, 0.3210, 0.3232$, and $23.1793, 0.3262, 0.3190$ is the 20% darker color. If you saturate the color by 10%, you get $40.7137, 0.3377, 0.3130$, and if you desaturate by 10%, it is $58.0547, 0.3117, 0.3297$.

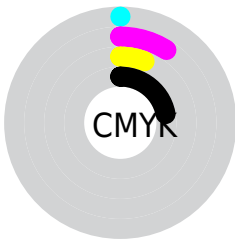
Distribution



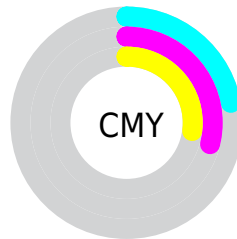
- Red (78%)
- Green (71%)
- Blue (73%)



- Red (78%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (22%)




- Cyan (22%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7777, 0.3234, 0.3216 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 48.7777, 0.3234, 0.3216 by changing the saturation by 10% instead.

 48.7777, 0.3234,
0.3216

 48.7777, 0.3234,
0.3216


381.8665, 0.3181,
0.3253

 34.4432, 0.3247,
0.3207

 88.3612, 0.3215,
0.3229

 23.2343, 0.3264,
0.3195

114.3790, 0.3208,
0.3234

 14.7666, 0.3286,
0.3180


145.0599, 0.3202,
0.3239

 8.6557, 0.3317,
0.3159

180.7885, 0.3196,
0.3242

 4.5173, 0.3363,
0.3128

221.9490, 0.3192,
0.3245

 1.9669, 0.3437,
0.3077

268.9259, 0.3188,

 0.5882, 0.3669,

0.3248

0.2911

322.1036, 0.3184,
0.3251

0.0000, 0.0000,
0.0000

48.7777, 0.3234,
0.3216

48.7777, 0.3234,
0.3216

40.7137, 0.3377,
0.3130

58.0547, 0.3117,
0.3297

33.8060, 0.3551,
0.3040

68.5855, 0.3022,
0.3373

28.0031, 0.3762,
0.2950

80.4168, 0.2943,
0.3442

23.2469, 0.4014,
0.2867

89.9618, 0.2877,
0.3448

19.4741, 0.4306,
0.2798

90.7802, 0.2808,
0.3306

■ 16.6145, 0.4633,
0.2756

■ 90.8850, 0.2800,
0.3289

■ 14.5884, 0.4979,
0.2751

■ 13.3019, 0.5319,
0.2794

■ 12.5976, 0.5626,
0.2880

Harmonies

Analogous

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



48.7777, 0.3133, 0.3147



48.7777, 0.3234, 0.3216



48.7777, 0.3307, 0.3304

Triad

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



48.7777, 0.3234, 0.3216



48.7777, 0.3221, 0.3471



48.7777, 0.2928, 0.3185

Complementary

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



48.7777, 0.3234, 0.3216



54.5313, 0.3031, 0.3365

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.



48.7777, 0.2951, 0.3272



48.7777, 0.3234, 0.3216



48.7777, 0.3119, 0.3439

Square

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



48.7777, 0.3234, 0.3216



48.7777, 0.3299, 0.3452



48.7777, 0.3020, 0.3365



48.7777, 0.2957, 0.3128

Rectangle

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



48.7777, 0.3234, 0.3216



48.7777, 0.3329, 0.3363



48.7777, 0.3020, 0.3365



48.7777, 0.2930, 0.3212

Sweetspot

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



48.7798, 0.3234, 0.3216



94.8915, 0.3161, 0.3266



48.5106, 0.3087, 0.3067



20.0258, 0.3170, 0.3259



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.



48.7798, 0.3234, 0.3216



82.2440, 0.3262, 0.3198



49.7629, 0.3279, 0.3328



10.6942, 0.3238, 0.3213



8.0774, 0.5618, 0.2869



0.3960, 0.5024, 0.2541

Inverse Universe

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



48.7798, 0.3234, 0.3216



82.2440, 0.3262, 0.3198



53.4358, 0.2989, 0.3252



10.6942, 0.3238, 0.3213



8.0774, 0.5618, 0.2869



0.3960, 0.5024, 0.2541

Previews

White Background



This preview shows how the Yxy color 48.7777, 0.3234, 0.3216 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 48.7777, 0.3234, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

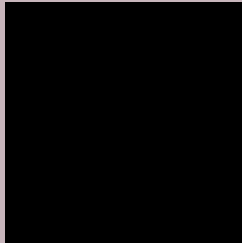
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7777, 0.3234, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 48.7777, 0.3234, 0.3216.



This preview shows how white text looks on a background with the Yxy color 48.7777, 0.3234, 0.3216.

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

48.7777, 0.3234, 0.3216

Protanopia

49.0634, 0.3121, 0.3239

Deuteranopia

48.9269, 0.3270, 0.3205



Tritanopia

48.8169, 0.3187, 0.3119

Trichromacy



Original Color

48.7777, 0.3234, 0.3216

Protanomaly

49.1183, 0.3163, 0.3240

Deuteranomaly

48.7869, 0.3261, 0.3204

Tritanomaly

48.6835, 0.3211, 0.3155

Monochromacy



Original Color

48.7777, 0.3234, 0.3216

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3621, 0.3162, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7777, 0.3234, 0.3216 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(199, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 187)  
}
```

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(199, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.7777, 0.3234, 0.3216 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(199, 181, 187) }
```

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

```
.border{ border-color:rgb(199, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 181,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7777, 0.3234, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 187) }
```

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

```
.background{ background-color: rgb(199,  
181, 187) }
```

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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