

Converting Colors

$Y_{xy}(47.2204, 0.3270, 0.3205)$

Have a look what the booklet for
Yxy(47.2204, 0.3270, 0.3205)
contains.

Yxy(47.1843, 0.3272, 0.3203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1843, 0.3272, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	C8B1B8
RGB	200, 177, 184
RGB Percent	78%, 69%, 72%
CMY	0.2156, 0.3059, 0.2783
CMYK	0.00, 0.12, 0.08, 0.22
HSL	342°, 17%, 74%
HSV	342°, 12%, 78%
XYZ	48.2008, 47.1843, 51.9278
YIQ	184.6750, 11.4610, 7.0530

Conversions

Conversions Part 2

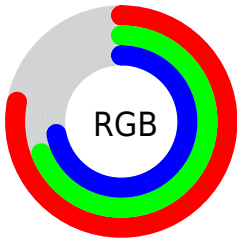
Format	Color
R _Y B	200, 177, 184
Decimal	13152696
CIE Lab	74.31, 9.47, -0.56
CIE LCh	74, 9.486, 356.641
Yxy	47.1843, 0.3272, 0.3203
Android (android.graphics.Color)	4291342776 (0xFFC8B1B8)
YUV	184.6750, -0.3328, 13.4400
Hunter-Lab	68.6908, 5.0455, 3.2625

Details

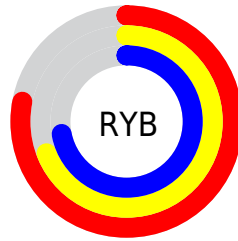
The Yxy color $47.1843, 0.3272, 0.3203$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.5180, 0.3001, 0.3379$, and the grayscale version is $48.3262, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8291, 0.3232, 0.3222$, and $22.1650, 0.3315, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $39.3009, 0.3429, 0.3123$, and if you desaturate by 10%, it is $56.2873, 0.3144, 0.3279$.

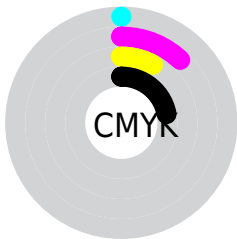
Distribution



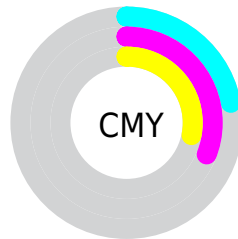
- Red (78%)
- Green (69%)
- Blue (72%)



- Red (78%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (22%)




- Cyan (22%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1843, 0.3272, 0.3203 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 47.1843, 0.3272, 0.3203 by changing the saturation by 10% instead.


 47.1843, 0.3272,
0.3203

 47.1843, 0.3272,
0.3203


375.5497, 0.3200,
0.3246

 33.1814, 0.3290,
0.3192


 85.9887, 0.3246,
0.3219

 22.2654, 0.3313,
0.3178


111.5589, 0.3236,
0.3225

 14.0521, 0.3344,
0.3160


141.7537, 0.3228,
0.3230

 8.1569, 0.3387,
0.3134

176.9574, 0.3220,
0.3234

 4.1955, 0.3451,
0.3096

217.5545, 0.3214,
0.3238

 1.7835, 0.3557,
0.3034

263.9293, 0.3209,

 0.4769, 0.3981,

0.3241

0.2773

316.4662, 0.3204,
0.3244

0.0000, 0.0000,
0.0000

47.1843, 0.3272,
0.3203

47.1843, 0.3272,
0.3203

39.3009, 0.3429,
0.3123

56.2873, 0.3144,
0.3279

32.5791, 0.3620,
0.3040

66.6523, 0.3040,
0.3349

26.9653, 0.3851,
0.2959

78.3275, 0.2955,
0.3414

22.3994, 0.4125,
0.2885

90.0713, 0.2885,
0.3453

18.8154, 0.4442,
0.2829

90.9274, 0.2813,
0.3305

■ 16.1399, 0.4792,
0.2800

■ 91.0233, 0.2805,
0.3289

■ 14.2888, 0.5154,
0.2811

■ 13.1624, 0.5498,
0.2869

■ 12.6210, 0.5757,
0.2945

Harmonies

Analogous

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



47.1843, 0.3144, 0.3114



47.1843, 0.3272, 0.3203



47.1843, 0.3362, 0.3316

Triad

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



47.1843, 0.3272, 0.3203



47.1843, 0.3238, 0.3521



47.1843, 0.2874, 0.3148

Complementary

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



47.1843, 0.3272, 0.3203



54.5180, 0.3001, 0.3379

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.



47.1843, 0.2898, 0.3257



47.1843, 0.3272, 0.3203



47.1843, 0.3106, 0.3476

Square

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



47.1843, 0.3272, 0.3203



47.1843, 0.3342, 0.3501



47.1843, 0.2982, 0.3378



47.1843, 0.2915, 0.3080

Rectangle

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



47.1843, 0.3272, 0.3203



47.1843, 0.3387, 0.3390



47.1843, 0.2982, 0.3378



47.1843, 0.2874, 0.3181

Sweetspot

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



47.1864, 0.3272, 0.3203



94.8782, 0.3162, 0.3268



46.9153, 0.3078, 0.3004



20.0222, 0.3172, 0.3262



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.



47.1864, 0.3272, 0.3203



77.8041, 0.3311, 0.3182



48.5929, 0.3325, 0.3343



10.6894, 0.3242, 0.3220



8.0364, 0.5721, 0.2925



0.3936, 0.5114, 0.2591

Inverse Universe

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



47.1864, 0.3272, 0.3203



77.8041, 0.3311, 0.3182



52.9097, 0.2951, 0.3236



10.6894, 0.3242, 0.3220



8.0364, 0.5721, 0.2925



0.3936, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 47.1843, 0.3272, 0.3203 looks on a white background.

Color Contrast Check

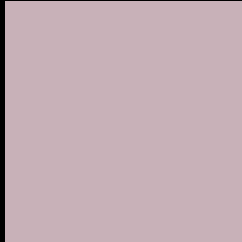
Large Text (above 18pt) WCAG AA × Fail

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 47.1843, 0.3272, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

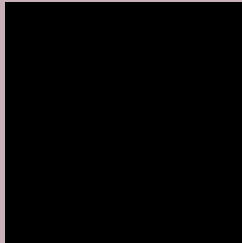
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1843, 0.3272, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 47.1843, 0.3272, 0.3203.



This preview shows how white text looks on a background with the Yxy color 47.1843, 0.3272, 0.3203.

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

47.1843, 0.3272, 0.3203

Protanopia

47.3580, 0.3113, 0.3226

Deuteranopia

47.1843, 0.3272, 0.3203



Tritanopia

47.1859, 0.3232, 0.3118

Trichromacy



Original Color

47.1843, 0.3272, 0.3203

Protanomaly

47.1348, 0.3165, 0.3214

Deuteranomaly

47.1843, 0.3272, 0.3203

Tritanomaly

47.0990, 0.3248, 0.3142

Monochromacy



Original Color

47.1843, 0.3272, 0.3203

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9058, 0.3172, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1843, 0.3272, 0.3203 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, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(200, 177, 184)  
}
```

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, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 177, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.1843, 0.3272, 0.3203 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, 177, 184) }
```

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

```
.border{ border-color:rgb(200, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(200, 177,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1843, 0.3272, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 177, 184) }
```

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

```
.background{ background-color: rgb(200,  
177, 184) }
```

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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