

Converting Colors

$Yxy(47.1186, 0.3203, 0.3199)$

Have a look what the booklet for
Yxy(47.1186, 0.3203, 0.3199)
contains.

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Color

Yxy(47.2547, 0.3201, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	C2B3BA
RGB	194, 179, 186
RGB Percent	76%, 70%, 73%
CMY	0.2390, 0.2981, 0.2706
CMYK	0.00, 0.08, 0.04, 0.24
HSL	332°, 11%, 73%
HSV	332°, 8%, 76%
XYZ	47.2399, 47.2547, 53.0841
YIQ	184.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

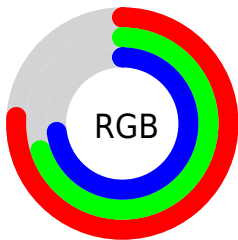
Format	Color
RYB	194, 179, 186
Decimal	12759994
CIELab	74.35, 6.61, -1.63
CIELCh	74, 6.807, 346.149
Yxy	47.2547, 0.3201, 0.3202
Android (android.graphics.Color)	4290950074 (0xFFC2B3BA)
YUV	184.2830, 0.8465, 8.5218
Hunter-Lab	68.7421, 2.3677, 2.3345

Details

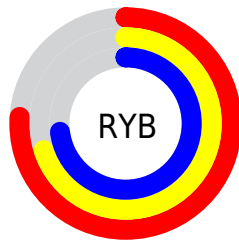
The Yxy color $47.2547, 0.3201, 0.3202$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.7771, 0.3059, 0.3380$, and the grayscale version is $48.0937, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3367, 0.3191, 0.3221$, and $22.1906, 0.3216, 0.3171$ is the 20% darker color. If you saturate the color by 10%, you get $39.5933, 0.3314, 0.3083$, and if you desaturate by 10%, it is $56.0468, 0.3108, 0.3315$.

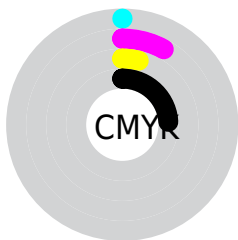
Distribution



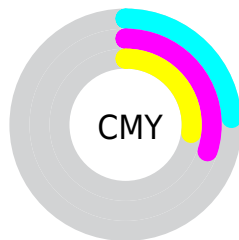
- Red (76%)
- Green (70%)
- Blue (73%)



- Red (76%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (24%)




- Cyan (24%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2547, 0.3201, 0.3202 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 47.2547, 0.3201, 0.3202 by changing the saturation by 10% instead.


 47.2547, 0.3201,
0.3202

 47.2547, 0.3201,
0.3202


375.8303, 0.3164,
0.3246

 33.2371, 0.3210,
0.3191


 86.0937, 0.3188,
0.3218

 22.3081, 0.3222,
0.3177

111.6838, 0.3183,
0.3224

 14.0835, 0.3237,
0.3159


141.9002, 0.3178,
0.3229

 8.1787, 0.3259,
0.3134

177.1273, 0.3175,
0.3233

 4.2095, 0.3291,
0.3096

217.7494, 0.3172,
0.3237

 1.7915, 0.3344,
0.3034

264.1511, 0.3169,

 0.4818, 0.3560,

0.3240

0.2770

316.7165, 0.3167,
0.3243

0.0000, 0.0000,
0.0000

47.2547, 0.3201,
0.3202

47.2547, 0.3201,
0.3202

39.5933, 0.3314,
0.3083

56.0468, 0.3108,
0.3315

33.0103, 0.3449,
0.2959

66.0069, 0.3031,
0.3419

27.4583, 0.3611,
0.2835

77.1781, 0.2968,
0.3516

22.8842, 0.3802,
0.2717

88.5689, 0.2915,
0.3588

19.2300, 0.4022,
0.2614

89.1608, 0.2860,
0.3473

■ 16.4314, 0.4267,
0.2537

■ 89.7878, 0.2807,
0.3361

■ 14.4158, 0.4530,
0.2499

■ 90.2157, 0.2773,
0.3289

■ 13.0983, 0.4798,
0.2511

■ 12.3540, 0.5056,
0.2574

Harmonies

Analogous

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



47.2547, 0.3106, 0.3147



47.2547, 0.3201, 0.3202



47.2547, 0.3277, 0.3280

Triad

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



47.2547, 0.3201, 0.3202



47.2547, 0.3237, 0.3455



47.2547, 0.2945, 0.3214

Complementary

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



47.2547, 0.3201, 0.3202



51.7771, 0.3059, 0.3380

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.



47.2547, 0.2979, 0.3298



47.2547, 0.3201, 0.3202



47.2547, 0.3147, 0.3439

Square

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



47.2547, 0.3201, 0.3202



47.2547, 0.3298, 0.3426



47.2547, 0.3052, 0.3381



47.2547, 0.2959, 0.3153

Rectangle

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



47.2547, 0.3201, 0.3202



47.2547, 0.3306, 0.3335



47.2547, 0.3052, 0.3381



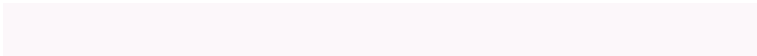
47.2547, 0.2951, 0.3240

Sweetspot

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



47.2568, 0.3201, 0.3202



94.4331, 0.3145, 0.3267



46.7006, 0.3076, 0.3099



20.7150, 0.3145, 0.3269



0.0000, 0.0000, 0.0000



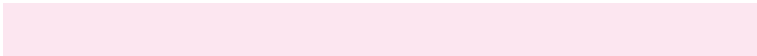
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.2568, 0.3201, 0.3202



83.5321, 0.3215, 0.3186



47.1675, 0.3258, 0.3297



10.1542, 0.3218, 0.3183



8.0456, 0.5082, 0.2573



0.3615, 0.4557, 0.2284

Inverse Universe

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



47.2568, 0.3201, 0.3202



83.5321, 0.3215, 0.3186



51.8617, 0.3009, 0.3283



10.1542, 0.3218, 0.3183



8.0456, 0.5082, 0.2573



0.3615, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 47.2547, 0.3201, 0.3202 looks on a white background.

Color Contrast Check

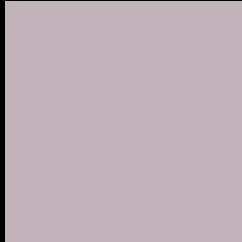
Large Text (above 18pt) WCAG AA × Fail

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 47.2547, 0.3201, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

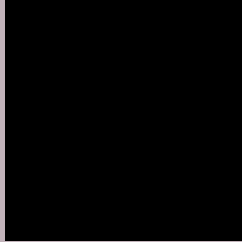
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

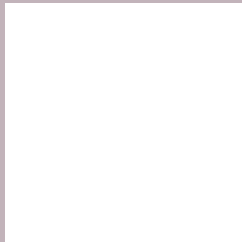
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2547, 0.3201, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 47.2547, 0.3201, 0.3202.



This preview shows how white text looks on a background with the Yxy color 47.2547, 0.3201, 0.3202.

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

47.2547, 0.3201, 0.3202

Protanopia

47.4010, 0.3105, 0.3213

Deuteranopia

47.1316, 0.3246, 0.3178



Tritanopia

47.2487, 0.3161, 0.3116

Trichromacy



Original Color

47.2547, 0.3201, 0.3202

Protanomaly

47.3270, 0.3139, 0.3214

Deuteranomaly

47.2563, 0.3228, 0.3190

Tritanomaly

47.1606, 0.3177, 0.3140

Monochromacy



Original Color

47.2547, 0.3201, 0.3202

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6500, 0.3154, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2547, 0.3201, 0.3202 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(194, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 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(194, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.2547, 0.3201, 0.3202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

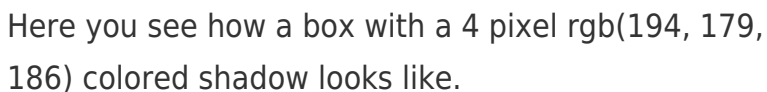
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 179, 186) }
```

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

```
.border{ border-color:rgb(194, 179, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 179, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 179, 186); box-shadow:4px 4px 4px 4px rgb(194, 179, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2547, 0.3201, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 186) }
```

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

```
.background{ background-color: rgb(194,  
179, 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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