

Converting Colors

$Yxy(47.5662, 0.3243, 0.3275)$

Have a look what the booklet for
Yxy(47.5662, 0.3243, 0.3275)
contains.

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Color

Yxy(47.5808, 0.3249, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C3B4B5
RGB	195, 180, 181
RGB Percent	76%, 71%, 71%
CMY	0.2354, 0.2940, 0.2902
CMYK	0.00, 0.08, 0.07, 0.24
HSL	356°, 11%, 74%
HSV	356°, 8%, 76%
XYZ	47.1599, 47.5808, 50.4113
YIQ	184.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

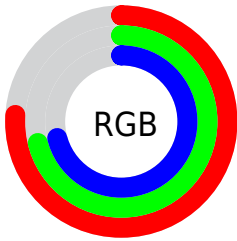
Format	Color
RYB	195, 180, 181
Decimal	12825781
CIELab	74.56, 5.49, 1.42
CIELCh	75, 5.671, 14.452
Yxy	47.5808, 0.3249, 0.3278
Android (android.graphics.Color)	4291015861 (0xFFC3B4B5)
YUV	184.5990, -1.7743, 9.1217
Hunter-Lab	68.9788, 1.3250, 4.9547

Details

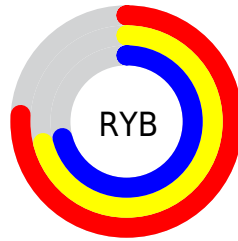
The Yxy color **47.5808, 0.3249, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6140, 0.3017, 0.3302**, and the grayscale version is **48.2866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8008, 0.3229, 0.3280**, and **22.4000, 0.3284, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **39.5562, 0.3442, 0.3261**, and if you desaturate by 10%, it is **56.8146, 0.3094, 0.3294**.

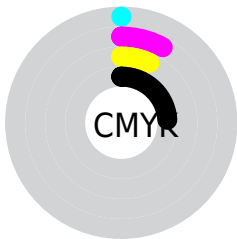
Distribution



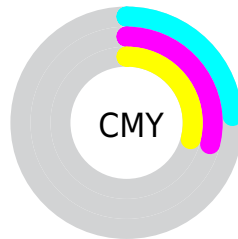
- Red (76%)
- Green (71%)
- Blue (71%)



- Red (76%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (24%)




- Cyan (24%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5808, 0.3249, 0.3278 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 47.5808, 0.3249, 0.3278 by changing the saturation by 10% instead.


 47.5808, 0.3249,
0.3278

 47.5808, 0.3249,
0.3278


377.1281, 0.3188,
0.3284

 33.4950, 0.3264,
0.3276


 86.5799, 0.3227,
0.3280

 22.5059, 0.3284,
0.3274

112.2621, 0.3219,
0.3281

 14.2291, 0.3310,
0.3271


142.5785, 0.3212,
0.3282

 8.2802, 0.3346,
0.3267

177.9135, 0.3206,
0.3283

 4.2748, 0.3400,
0.3261

218.6516, 0.3200,
0.3283

 1.8284, 0.3491,
0.3249

265.1772, 0.3196,

 0.5048, 0.3912,

0.3284

0.3217

317.8745, 0.3192,
0.3284

0.0000, 0.0000,
0.0000

47.5808, 0.3249,
0.3278

47.5808, 0.3249,
0.3278

39.5562, 0.3442,
0.3261

56.8146, 0.3094,
0.3294

32.6849, 0.3683,
0.3244

67.2982, 0.2969,
0.3308

26.9158, 0.3979,
0.3227

79.0781, 0.2868,
0.3321

22.1914, 0.4338,
0.3213

90.2653, 0.2784,
0.3301

18.4493, 0.4755,
0.3202

90.3373, 0.2778,
0.3289

■ 15.6202, 0.5212,
0.3201

■ 13.6260, 0.5662,
0.3210

■ 12.3752, 0.6042,
0.3233

■ 11.7366, 0.6293,
0.3261

Harmonies

Analogous

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



47.5808, 0.3184, 0.3213



47.5808, 0.3249, 0.3278



47.5808, 0.3281, 0.3347

Triad

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



47.5808, 0.3249, 0.3278



47.5808, 0.3148, 0.3415



47.5808, 0.2985, 0.3178

Complementary

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



47.5808, 0.3249, 0.3278



52.6140, 0.3017, 0.3302

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.



47.5808, 0.2976, 0.3231



47.5808, 0.3249, 0.3278



47.5808, 0.3069, 0.3369

Square

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



47.5808, 0.3249, 0.3278



47.5808, 0.3222, 0.3427



47.5808, 0.3007, 0.3301



47.5808, 0.3032, 0.3156

Rectangle

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



47.5808, 0.3249, 0.3278



47.5808, 0.3279, 0.3386



47.5808, 0.3007, 0.3301



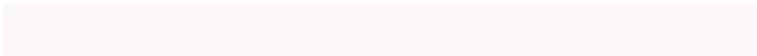
47.5808, 0.2978, 0.3193

Sweetspot

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



47.5829, 0.3249, 0.3278



94.3073, 0.3157, 0.3287



48.0531, 0.3127, 0.3104



20.6887, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



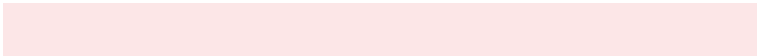
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5829, 0.3249, 0.3278



83.0045, 0.3275, 0.3276



50.2198, 0.3249, 0.3372



10.0883, 0.3279, 0.3275



7.5638, 0.6320, 0.3255



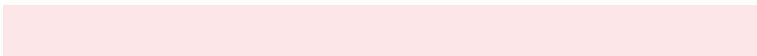
0.3306, 0.6037, 0.3099

Inverse Universe

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



47.5829, 0.3249, 0.3278



83.0045, 0.3275, 0.3276



49.8189, 0.3010, 0.3207



10.0883, 0.3279, 0.3275



7.5638, 0.6320, 0.3255



0.3306, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 47.5808, 0.3249, 0.3278 looks on a white background.

Color Contrast Check

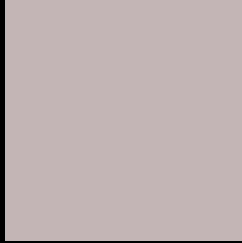
Large Text (above 18pt) WCAG AA × Fail

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 47.5808, 0.3249, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

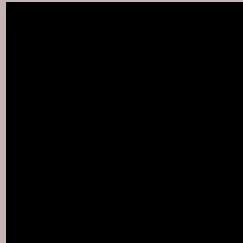
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5808, 0.3249, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 47.5808, 0.3249, 0.3278.



This preview shows how white text looks on a background with the Yxy color 47.5808, 0.3249, 0.3278.

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

47.5808, 0.3249, 0.3278

Protanopia

47.8092, 0.3169, 0.3303

Deuteranopia

47.7335, 0.3314, 0.3253



Tritanopia

47.5169, 0.3178, 0.3117

Trichromacy



Original Color

47.5808, 0.3249, 0.3278

Protanomaly

47.7804, 0.3196, 0.3290

Deuteranomaly

47.7185, 0.3286, 0.3266

Tritanomaly

47.6068, 0.3202, 0.3178

Monochromacy



Original Color

47.5808, 0.3249, 0.3278

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1465, 0.3170, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5808, 0.3249, 0.3278 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(195, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(195, 180, 181)  
}
```

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(195, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 180, 181) }
```

Border

The CSS property to change the border of an element to Yxy 47.5808, 0.3249, 0.3278 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(195, 180, 181) }
```

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

```
.border{ border-color:rgb(195, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 180, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 180, 181); box-shadow:4px 4px 4px 4px rgb(195, 180, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5808, 0.3249, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 180, 181) }
```

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

```
.background{ background-color: rgb(195,  
180, 181) }
```

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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