

Converting Colors

Yxy(47.5956, 0.3189, 0.3252)

Have a look what the booklet for
Yxy(47.5956, 0.3189, 0.3252)
contains.

Yxy(47.5848, 0.3189, 0.3252)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.5848, 0.3189, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BFB5B8
RGB	191, 181, 184
RGB Percent	75%, 71%, 72%
CMY	0.2510, 0.2902, 0.2784
CMYK	0.00, 0.05, 0.04, 0.25
HSL	342°, 7%, 73%
HSV	342°, 5%, 75%
XYZ	46.6630, 47.5848, 52.0770
YIQ	184.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

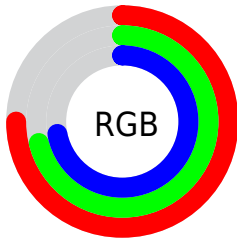
Format	Color
RYB	191, 181, 184
Decimal	12563896
CIELab	74.56, 4.09, -0.27
CIELCh	75, 4.094, 356.275
Yxy	47.5848, 0.3189, 0.3252
Android (android.graphics.Color)	4290753976 (0xFFBFB5B8)
YUV	184.3320, -0.1637, 5.8478
Hunter-Lab	68.9817, 0.0290, 3.5269

Details

The Yxy color **47.5848, 0.3189, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7189, 0.3069, 0.3328**, and the grayscale version is **48.1263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6338, 0.3175, 0.3260**, and **22.4803, 0.3212, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **39.8101, 0.3327, 0.3176**, and if you desaturate by 10%, it is **56.4815, 0.3076, 0.3323**.

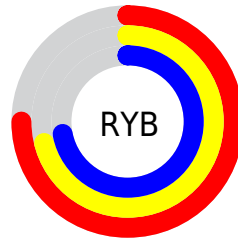
Distribution



Red (75%)

Green (71%)

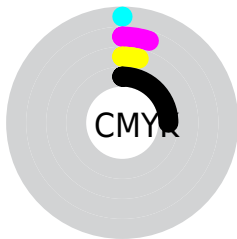
Blue (72%)



Red (75%)

Yellow (71%)

Blue (72%)

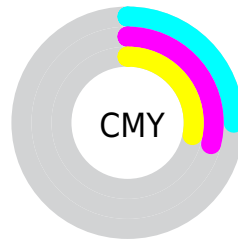


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5848, 0.3189, 0.3252 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 47.5848, 0.3189, 0.3252 by changing the saturation by 10% instead.

 47.5848, 0.3189,
0.3252

 47.5848, 0.3189,
0.3252

377.1440, 0.3158,
0.3271

 33.4982, 0.3197,
0.3247


 86.5859, 0.3178,
0.3259

 22.5084, 0.3206,
0.3241


112.2692, 0.3174,
0.3261

 14.2309, 0.3220,
0.3233

142.5868, 0.3170,
0.3264

 8.2814, 0.3238,
0.3222

177.9232, 0.3167,
0.3266

 4.2756, 0.3265,
0.3205

218.6627, 0.3164,
0.3267

 1.8289, 0.3310,
0.3178

265.1897, 0.3162,

 0.5051, 0.3507,

0.3269

0.3055

317.8887, 0.3160,
0.3270

0.0000, 0.0000,
0.0000

47.5848, 0.3189,
0.3252

47.5848, 0.3189,
0.3252

39.8101, 0.3327,
0.3176

56.4815, 0.3076,
0.3323

33.1066, 0.3496,
0.3096

66.5359, 0.2984,
0.3389

27.4289, 0.3702,
0.3014

77.7900, 0.2909,
0.3449

22.7260, 0.3950,
0.2937

88.7378, 0.2846,
0.3479

18.9423, 0.4241,
0.2869

89.5500, 0.2778,
0.3333

■ 16.0167, 0.4573,
0.2822

■ 89.8171, 0.2757,
0.3289

■ 13.8806, 0.4932,
0.2808

■ 12.4547, 0.5293,
0.2835

■ 11.6421, 0.5623,
0.2909

Harmonies

Analogous

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



47.5848, 0.3134, 0.3213



47.5848, 0.3189, 0.3252



47.5848, 0.3227, 0.3302

Triad

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



47.5848, 0.3189, 0.3252



47.5848, 0.3176, 0.3389



47.5848, 0.3017, 0.3230

Complementary

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



47.5848, 0.3189, 0.3252



50.7189, 0.3069, 0.3328

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.



47.5848, 0.3028, 0.3278



47.5848, 0.3189, 0.3252



47.5848, 0.3120, 0.3370

Square

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



47.5848, 0.3189, 0.3252



47.5848, 0.3220, 0.3381



47.5848, 0.3065, 0.3329



47.5848, 0.3035, 0.3200

Rectangle

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



47.5848, 0.3189, 0.3252



47.5848, 0.3238, 0.3334



47.5848, 0.3065, 0.3329



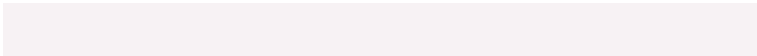
47.5848, 0.3017, 0.3245

Sweetspot

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



47.5869, 0.3189, 0.3252



90.1072, 0.3150, 0.3275



47.4813, 0.3106, 0.3163



19.8214, 0.3149, 0.3276



97.7402, 0.3127, 0.3290



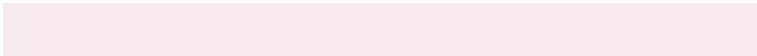
20.4902, 0.3127, 0.3290

Same Dimension

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



47.5869, 0.3189, 0.3252



83.9507, 0.3200, 0.3246



48.2129, 0.3212, 0.3314



10.0696, 0.3205, 0.3242



7.4887, 0.5731, 0.2931



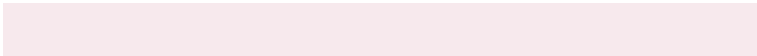
0.3053, 0.5029, 0.2544

Inverse Universe

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



47.5869, 0.3189, 0.3252



83.9507, 0.3200, 0.3246



50.0550, 0.3047, 0.3266



10.0696, 0.3205, 0.3242



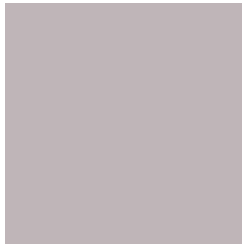
7.4887, 0.5731, 0.2931



0.3053, 0.5029, 0.2544

Previews

White Background



This preview shows how the Yxy color 47.5848, 0.3189, 0.3252 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 47.5848, 0.3189, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

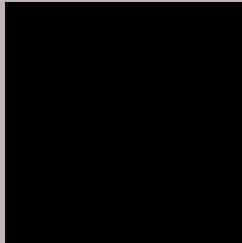
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

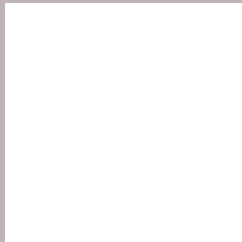
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5848, 0.3189, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 47.5848, 0.3189, 0.3252.

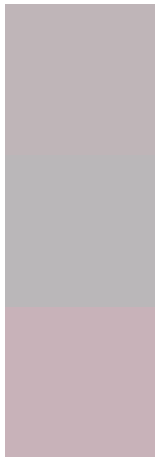


This preview shows how white text looks on a background with the Yxy color 47.5848, 0.3189, 0.3252.

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

47.5848, 0.3189, 0.3252

Protanopia

47.8089, 0.3137, 0.3264

Deuteranopia

47.6229, 0.3262, 0.3204



Tritanopia

47.3417, 0.3119, 0.3102

Trichromacy



Original Color

47.5848, 0.3189, 0.3252

Protanomaly

47.6500, 0.3154, 0.3252

Deuteranomaly

47.6133, 0.3235, 0.3215

Tritanomaly

47.5667, 0.3150, 0.3164

Monochromacy



Original Color

47.5848, 0.3189, 0.3252

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8925, 0.3153, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5848, 0.3189, 0.3252 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(191, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 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(191, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.5848, 0.3189, 0.3252 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(191, 181, 184) }
```

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

```
.border{ border-color:rgb(191, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5848, 0.3189, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 184) }
```

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

```
.background{ background-color: rgb(191,  
181, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor