

Converting Colors

$Y_{xy}(47.3294, 0.3172, 0.3252)$

Have a look what the booklet for
Yxy(47.3294, 0.3172, 0.3252)
contains.

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Color

Yxy(47.3273, 0.3172, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BDB5B8
RGB	189, 181, 184
RGB Percent	74%, 71%, 72%
CMY	0.2588, 0.2902, 0.2785
CMYK	0.00, 0.04, 0.03, 0.26
HSL	338°, 6%, 73%
HSV	338°, 4%, 74%
XYZ	46.1630, 47.3273, 52.0426
YIQ	183.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

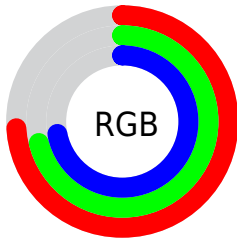
Format	Color
RYB	189, 181, 184
Decimal	12432824
CIELab	74.40, 3.38, -0.51
CIELCh	74, 3.416, 351.352
Yxy	47.3273, 0.3172, 0.3252
Android (android.graphics.Color)	4290622904 (0xFFBDB5B8)
YUV	183.7340, 0.1311, 4.6183
Hunter-Lab	68.7948, -0.6131, 3.3041

Details

The Yxy color **47.3273, 0.3172, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7711, 0.3084, 0.3328**, and the grayscale version is **47.7776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2721, 0.3162, 0.3260**, and **22.3113, 0.3188, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **39.6804, 0.3294, 0.3158**, and if you desaturate by 10%, it is **56.0627, 0.3072, 0.3340**.

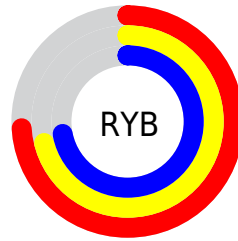
Distribution



Red (74%)

Green (71%)

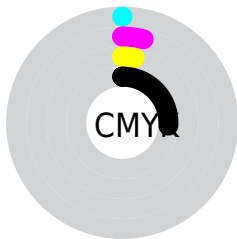
Blue (72%)



Red (74%)

Yellow (71%)

Blue (72%)

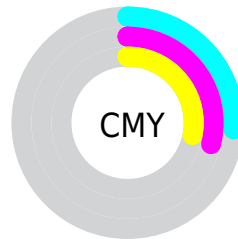


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3273, 0.3172, 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 47.3273, 0.3172, 0.3252 by changing the saturation by 10% instead.


 47.3273, 0.3172,
0.3252

 47.3273, 0.3172,
0.3252


376.1195, 0.3150,
0.3271

 33.2945, 0.3178,
0.3247


 86.2020, 0.3164,
0.3259

 22.3521, 0.3185,
0.3241


111.8126, 0.3161,
0.3261

 14.1159, 0.3194,
0.3233

142.0513, 0.3158,
0.3264

 8.2013, 0.3207,
0.3222

177.3025, 0.3156,
0.3266

 4.2240, 0.3227,
0.3205

217.9504, 0.3154,
0.3267

 1.7997, 0.3260,
0.3178

264.3797, 0.3152,

 0.4870, 0.3412,

0.3269

0.3047

316.9746, 0.3151,
0.3270

0.0000, 0.0000,
0.0000

47.3273, 0.3172,
0.3252

47.3273, 0.3172,
0.3252

39.6804, 0.3294,
0.3158

56.0627, 0.3072,
0.3340

33.0733, 0.3443,
0.3060

65.9209, 0.2990,
0.3421

27.4623, 0.3622,
0.2959

76.9422, 0.2923,
0.3495

22.7985, 0.3837,
0.2862

88.1330, 0.2866,
0.3546

19.0289, 0.4089,
0.2775

88.8274, 0.2805,
0.3415

■ 16.0950, 0.4377,
0.2709

■ 89.5605, 0.2747,
0.3289

■ 13.9312, 0.4691,
0.2675

■ 12.4624, 0.5014,
0.2687

■ 11.5974, 0.5323,
0.2749

Harmonies

Analogous

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



47.3273, 0.3125, 0.3221



47.3273, 0.3172, 0.3252



47.3273, 0.3207, 0.3293

Triad

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



47.3273, 0.3172, 0.3252



47.3273, 0.3175, 0.3373



47.3273, 0.3035, 0.3246

Complementary

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



47.3273, 0.3172, 0.3252



49.7711, 0.3084, 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.



47.3273, 0.3048, 0.3287



47.3273, 0.3172, 0.3252



47.3273, 0.3129, 0.3360

Square

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



47.3273, 0.3172, 0.3252



47.3273, 0.3209, 0.3363



47.3273, 0.3082, 0.3329



47.3273, 0.3046, 0.3218

Rectangle

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



47.3273, 0.3172, 0.3252



47.3273, 0.3219, 0.3321



47.3273, 0.3082, 0.3329



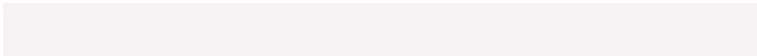
47.3273, 0.3037, 0.3259

Sweetspot

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



47.3293, 0.3172, 0.3252



89.5776, 0.3138, 0.3281



47.1552, 0.3106, 0.3188



19.2804, 0.3137, 0.3281



95.5105, 0.3127, 0.3290



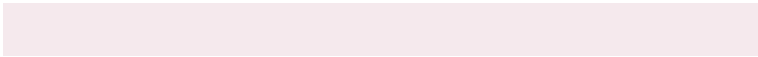
19.5994, 0.3127, 0.3290

Same Dimension

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



47.3293, 0.3172, 0.3252



83.5272, 0.3181, 0.3244



47.5868, 0.3195, 0.3302



10.2432, 0.3187, 0.3240



7.5944, 0.5458, 0.2781



0.3103, 0.4802, 0.2419

Inverse Universe

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



47.3293, 0.3172, 0.3252



83.5272, 0.3181, 0.3244



49.4987, 0.3062, 0.3278



10.2432, 0.3187, 0.3240



7.5944, 0.5458, 0.2781



0.3103, 0.4802, 0.2419

Previews

White Background



This preview shows how the Yxy color 47.3273, 0.3172, 0.3252 looks on a white background.

Color Contrast Check

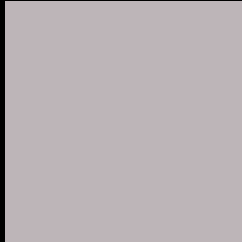
Large Text (above 18pt) WCAG AA × Fail

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 47.3273, 0.3172, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

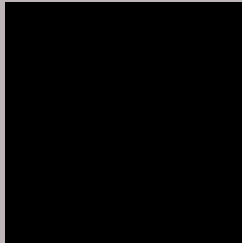
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

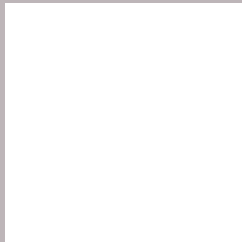
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3273, 0.3172, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 47.3273, 0.3172, 0.3252.

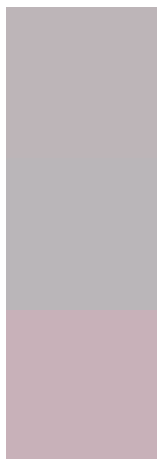


This preview shows how white text looks on a background with the Yxy color 47.3273, 0.3172, 0.3252.

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

47.3273, 0.3172, 0.3252

Protanopia

47.3978, 0.3137, 0.3252

Deuteranopia

47.2264, 0.3264, 0.3191



Tritanopia

47.0824, 0.3102, 0.3101

Trichromacy



Original Color

47.3273, 0.3172, 0.3252

Protanomaly

47.5235, 0.3146, 0.3252

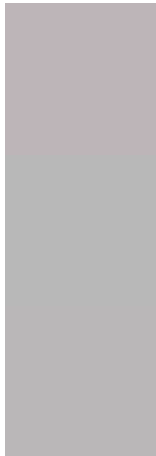
Deuteranomaly

47.0793, 0.3227, 0.3203

Tritanomaly

47.3074, 0.3133, 0.3164

Monochromacy



Original Color

47.3273, 0.3172, 0.3252

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7668, 0.3145, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3273, 0.3172, 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(189, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.3273, 0.3172, 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(189, 181, 184) }
```

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

```
.border{ border-color:rgb(189, 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(189, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3273, 0.3172, 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(189, 181, 184) }
```

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

```
.background{ background-color: rgb(189,  
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](#).

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