

Converting Colors

$Y_{xy}(43.1221, 0.3156, 0.3141)$

Have a look what the booklet for
Yxy(43.1221, 0.3156, 0.3141)
contains.

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Color

Yxy(43.2382, 0.3152, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	B9ACB7
RGB	185, 172, 183
RGB Percent	73%, 67%, 72%
CMY	0.2745, 0.3255, 0.2824
CMYK	0.00, 0.07, 0.01, 0.27
HSL	309°, 9%, 70%
HSV	309°, 7%, 73%
XYZ	43.3069, 43.2382, 50.8499
YIQ	177.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

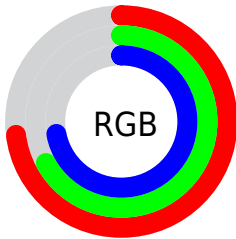
Format	Color
RYB	185, 172, 183
Decimal	12168375
CIELab	71.72, 6.66, -3.93
CIElCh	72, 7.736, 329.427
Yxy	43.2382, 0.3152, 0.3147
Android (android.graphics.Color)	4290358455 (0xFFB9ACB7)
YUV	177.1410, 2.8885, 6.8923
Hunter-Lab	65.7558, 2.4879, 0.1792

Details

The Yxy color **43.2382, 0.3152, 0.3147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5306, 0.3103, 0.3437**, and the grayscale version is **44.0281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8709, 0.3147, 0.3168**, and **19.9502, 0.3160, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **36.5618, 0.3192, 0.2937**, and if you desaturate by 10%, it is **50.9012, 0.3117, 0.3349**.

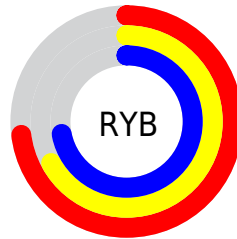
Distribution



Red (73%)

Green (67%)

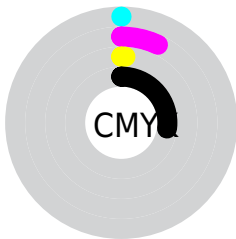
Blue (72%)



Red (73%)

Yellow (67%)

Blue (72%)

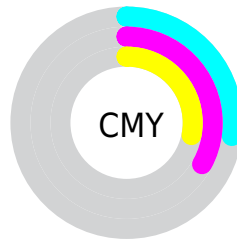


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2382, 0.3152, 0.3147 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 43.2382, 0.3152, 0.3147 by changing the saturation by 10% instead.


 43.2382, 0.3152,
0.3147

 43.2382, 0.3152,
0.3147


359.5904, 0.3140,
0.3219

 30.0721, 0.3155,
0.3129


 80.0702, 0.3148,
0.3173

 19.8933, 0.3159,
0.3106


104.5048, 0.3146,
0.3183

 12.3175, 0.3164,
0.3075

133.4644, 0.3145,
0.3191

 6.9603, 0.3171,
0.3032

167.3333, 0.3143,
0.3198

 3.4373, 0.3181,
0.2967

206.4960, 0.3142,
0.3204

 1.3641, 0.3197,
0.2858

251.3368, 0.3141,

 0.1900, 0.3381,

0.3210

0.1872

302.2402, 0.3141,
0.3215

0.0000, 0.0000,
0.0000

43.2382, 0.3152,
0.3147

43.2382, 0.3152,
0.3147

36.5618, 0.3192,
0.2937

50.9012, 0.3117,
0.3349

30.8261, 0.3237,
0.2724

59.5832, 0.3088,
0.3540

25.9899, 0.3287,
0.2514

69.3219, 0.3062,
0.3718

22.0068, 0.3341,
0.2315

80.1515, 0.3040,
0.3883

18.8263, 0.3399,
0.2136

85.8868, 0.3023,
0.3940

■ 16.3923, 0.3459,
0.1987

■ 86.0210, 0.3008,
0.3906

■ 14.6418, 0.3519,
0.1877

■ 86.1578, 0.2992,
0.3872

■ 13.5012, 0.3577,
0.1811

■ 86.2972, 0.2977,
0.3839

■ 12.8675, 0.3632,
0.1787

■ 86.4391, 0.2961,
0.3805

Harmonies

Analogous

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



43.2382, 0.3041, 0.3105



43.2382, 0.3152, 0.3147



43.2382, 0.3258, 0.3225

Triad

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



43.2382, 0.3152, 0.3147



43.2382, 0.3301, 0.3471



43.2382, 0.2930, 0.3254

Complementary

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



43.2382, 0.3152, 0.3147



46.5306, 0.3103, 0.3437

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.



43.2382, 0.2997, 0.3355



43.2382, 0.3152, 0.3147



43.2382, 0.3211, 0.3482

Square

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



43.2382, 0.3152, 0.3147



43.2382, 0.3344, 0.3411



43.2382, 0.3100, 0.3440



43.2382, 0.2915, 0.3164

Rectangle

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



43.2382, 0.3152, 0.3147



43.2382, 0.3310, 0.3289



43.2382, 0.3100, 0.3440



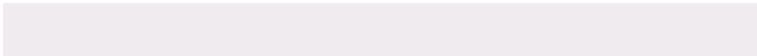
43.2382, 0.2947, 0.3287

Sweetspot

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



43.2401, 0.3152, 0.3147



84.0647, 0.3134, 0.3249



42.0033, 0.3038, 0.3116



18.1541, 0.3134, 0.3251



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.2401, 0.3152, 0.3147



76.0318, 0.3156, 0.3124



42.9788, 0.3206, 0.3230



9.1380, 0.3161, 0.3099



8.6682, 0.3642, 0.1780



0.3121, 0.3514, 0.1709

Inverse Universe

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



43.2401, 0.3152, 0.3147



76.0318, 0.3156, 0.3124



46.7872, 0.3054, 0.3350



9.1380, 0.3161, 0.3099



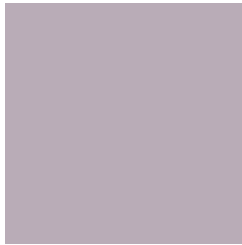
8.6682, 0.3642, 0.1780



0.3121, 0.3514, 0.1709

Previews

White Background



This preview shows how the Yxy color 43.2382, 0.3152, 0.3147 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 43.2382, 0.3152, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

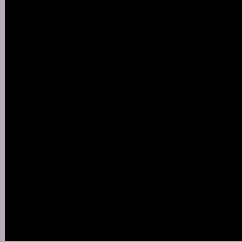
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

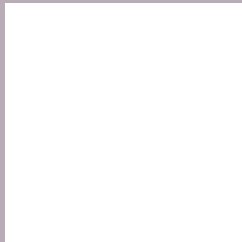
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2382, 0.3152, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 43.2382, 0.3152, 0.3147.



This preview shows how white text looks on a background with the Yxy color 43.2382, 0.3152, 0.3147.

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

43.2382, 0.3152, 0.3147

Protanopia

43.3928, 0.3055, 0.3157

Deuteranopia

42.9872, 0.3189, 0.3122



Tritanopia

43.3221, 0.3135, 0.3121

Trichromacy



Original Color

43.2382, 0.3152, 0.3147

Protanomaly

43.3165, 0.3089, 0.3158

Deuteranomaly

43.2361, 0.3179, 0.3135

Tritanomaly

43.2800, 0.3143, 0.3134

Monochromacy



Original Color

43.2382, 0.3152, 0.3147

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6179, 0.3138, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2382, 0.3152, 0.3147 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(185, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 183)  
}
```

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(185, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.2382, 0.3152, 0.3147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

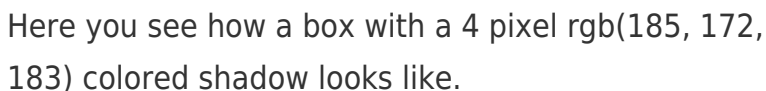
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 172, 183) }
```

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

```
.border{ border-color:rgb(185, 172, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 172, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 172, 183); box-shadow:4px 4px 4px 4px rgb(185, 172, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2382, 0.3152, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 183) }
```

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

```
.background{ background-color: rgb(185,  
172, 183) }
```

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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