

Converting Colors

$Y_{xy}(44.0289, 0.3220, 0.3170)$

Have a look what the booklet for
Yxy(44.0289, 0.3220, 0.3170)
contains.

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Color

Yxy(43.9588, 0.3214, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB6
RGB	191, 172, 182
RGB Percent	75%, 67%, 71%
CMY	0.2510, 0.3255, 0.2863
CMYK	0.00, 0.10, 0.05, 0.25
HSL	328°, 13%, 71%
HSV	328°, 10%, 75%
XYZ	44.6817, 43.9588, 50.3816
YIQ	178.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

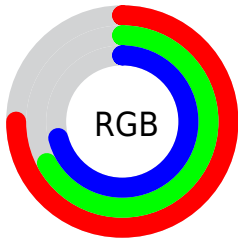
Format	Color
RYB	191, 172, 182
Decimal	12561590
CIELab	72.20, 8.60, -2.62
CIELCh	72, 8.991, 343.050
Yxy	43.9588, 0.3214, 0.3162
Android (android.graphics.Color)	4290751670 (0xFFBFACB6)
YUV	178.8210, 1.5672, 10.6810
Hunter-Lab	66.3014, 4.2668, 1.3573

Details

The Yxy color **43.9588, 0.3214, 0.3162** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.3712, 0.3048, 0.3422**, and the grayscale version is **44.9682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8854, 0.3195, 0.3180**, and **20.4212, 0.3247, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **36.8425, 0.3319, 0.3027**, and if you desaturate by 10%, it is **52.1481, 0.3127, 0.3291**.

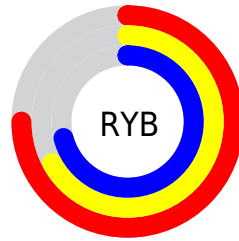
Distribution



Red (75%)

Green (67%)

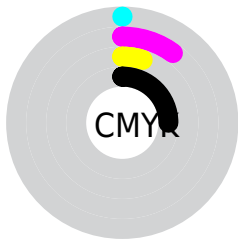
Blue (71%)



Red (75%)

Yellow (67%)

Blue (71%)

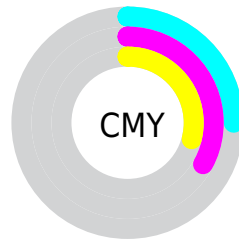


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9588, 0.3214, 0.3162 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 43.9588, 0.3214, 0.3162 by changing the saturation by 10% instead.


 43.9588, 0.3214,
0.3162

 43.9588, 0.3214,
0.3162


362.5401, 0.3170,
0.3226

 30.6381, 0.3225,
0.3146


 81.1557, 0.3198,
0.3185

 20.3234, 0.3239,
0.3125


105.8008, 0.3192,
0.3194

 12.6304, 0.3258,
0.3098


134.9894, 0.3187,
0.3201

 7.1745, 0.3284,
0.3059

169.1060, 0.3183,
0.3208

 3.5715, 0.3324,
0.3002

208.5350, 0.3179,
0.3213

 1.4369, 0.3391,
0.2906

253.6608, 0.3176,

 0.2437, 0.3894,

0.3218

0.2149

304.8677, 0.3173,
0.3222

0.0000, 0.0000,
0.0000

43.9588, 0.3214,
0.3162

43.9588, 0.3214,
0.3162

36.8425, 0.3319,
0.3027

52.1481, 0.3127,
0.3291

30.7487, 0.3444,
0.2888

61.4467, 0.3054,
0.3411

25.6312, 0.3592,
0.2749

71.8965, 0.2995,
0.3523

21.4382, 0.3763,
0.2619

83.5354, 0.2945,
0.3625

18.1128, 0.3958,
0.2507

88.1587, 0.2899,
0.3592

■ 15.5922, 0.4173,
0.2424

■ 88.6730, 0.2852,
0.3491

■ 13.8044, 0.4400,
0.2382

■ 89.2140, 0.2805,
0.3392

■ 12.6649, 0.4630,
0.2392

■ 89.7821, 0.2760,
0.3295

■ 12.0082, 0.4854,
0.2448

■ 89.8168, 0.2757,
0.3289

Harmonies

Analogous

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



43.9588, 0.3084, 0.3093



43.9588, 0.3214, 0.3162



43.9588, 0.3322, 0.3264

Triad

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



43.9588, 0.3214, 0.3162



43.9588, 0.3286, 0.3513



43.9588, 0.2884, 0.3197

Complementary

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



43.9588, 0.3214, 0.3162



49.3712, 0.3048, 0.3422

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.



43.9588, 0.2935, 0.3312



43.9588, 0.3214, 0.3162



43.9588, 0.3166, 0.3498

Square

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



43.9588, 0.3214, 0.3162



43.9588, 0.3364, 0.3467



43.9588, 0.3038, 0.3424



43.9588, 0.2895, 0.3110

Rectangle

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



43.9588, 0.3214, 0.3162



43.9588, 0.3366, 0.3339



43.9588, 0.3038, 0.3424



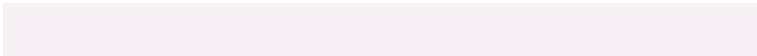
43.9588, 0.2894, 0.3233

Sweetspot

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



43.9607, 0.3214, 0.3162



88.6379, 0.3152, 0.3252



43.0766, 0.3050, 0.3042



19.1972, 0.3159, 0.3241



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.



43.9607, 0.3214, 0.3162



75.7075, 0.3236, 0.3132



43.5867, 0.3294, 0.3282



9.6179, 0.3208, 0.3170



7.9057, 0.4827, 0.2433



0.3228, 0.4339, 0.2164

Inverse Universe

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



43.9607, 0.3214, 0.3162



75.7075, 0.3236, 0.3132



49.7683, 0.2981, 0.3298



9.6179, 0.3208, 0.3170



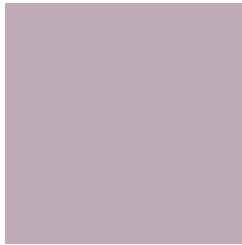
7.9057, 0.4827, 0.2433



0.3228, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 43.9588, 0.3214, 0.3162 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 43.9588, 0.3214, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

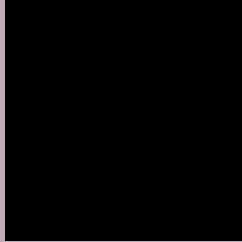
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9588, 0.3214, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 43.9588, 0.3214, 0.3162.



This preview shows how white text looks on a background with the Yxy color 43.9588, 0.3214, 0.3162.

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

43.9588, 0.3214, 0.3162

Protanopia

43.9763, 0.3080, 0.3184

Deuteranopia

44.0889, 0.3223, 0.3162



Tritanopia

44.0842, 0.3189, 0.3124

Trichromacy



Original Color

43.9588, 0.3214, 0.3162

Protanomaly

44.1461, 0.3132, 0.3185

Deuteranomaly

44.0889, 0.3223, 0.3162

Tritanomaly

44.0421, 0.3197, 0.3137

Monochromacy



Original Color

43.9588, 0.3214, 0.3162

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4132, 0.3156, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9588, 0.3214, 0.3162 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, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 182)  
}
```

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, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.9588, 0.3214, 0.3162 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, 172, 182) }
```

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

```
.border{ border-color:rgb(191, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9588, 0.3214, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 182) }
```

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

```
.background{ background-color: rgb(191,  
172, 182) }
```

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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