

Converting Colors

$Y_{xy}(43.8722, 0.3253, 0.3220)$

Have a look what the booklet for
Yxy(43.8722, 0.3253, 0.3220)
contains.

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Color

Yxy(43.7958, 0.3248, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB2
RGB	191, 172, 178
RGB Percent	75%, 67%, 70%
CMY	0.2510, 0.3255, 0.3020
CMYK	0.00, 0.10, 0.07, 0.25
HSL	341°, 13%, 71%
HSV	341°, 10%, 75%
XYZ	44.2729, 43.7958, 48.2394
YIQ	178.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

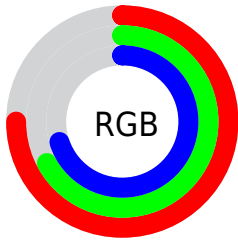
Format	Color
R_{YB}	191, 172, 178
Decimal	12561586
CIE Lab	72.09, 7.88, -0.59
CIE LCh	72, 7.903, 355.754
Yxy	43.7958, 0.3248, 0.3213
Android (android.graphics.Color)	4290751666 (0xFFBFACB2)
YUV	178.3650, -0.1799, 11.0809
Hunter-Lab	66.1784, 3.6030, 3.1066

Details

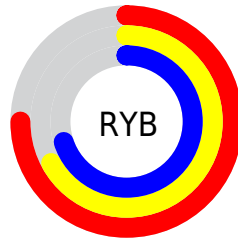
The Yxy color **43.7958, 0.3248, 0.3213** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.5330, 0.3019, 0.3368**, and the grayscale version is **44.7221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6528, 0.3221, 0.3220**, and **20.3169, 0.3294, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **36.5420, 0.3397, 0.3131**, and if you desaturate by 10%, it is **52.1483, 0.3127, 0.3290**.

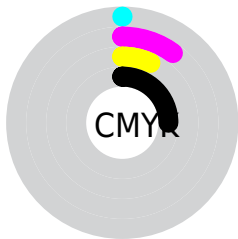
Distribution



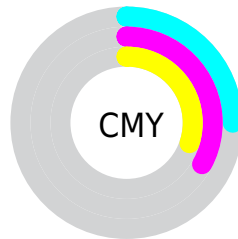
- Red (75%)
- Green (67%)
- Blue (70%)



- Red (75%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (25%)




- Cyan (25%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7958, 0.3248, 0.3213 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 43.7958, 0.3248, 0.3213 by changing the saturation by 10% instead.

 43.7958, 0.3248,
0.3213

 43.7958, 0.3248,
0.3213


361.8743, 0.3187,
0.3252

 30.5100, 0.3263,
0.3203


 80.9104, 0.3226,
0.3227

 20.2260, 0.3283,
0.3190


105.5080, 0.3217,
0.3233

 12.5594, 0.3310,
0.3173


134.6449, 0.3210,
0.3237

 7.1259, 0.3348,
0.3150

168.7057, 0.3204,
0.3241

 3.5410, 0.3406,
0.3113

208.0746, 0.3199,
0.3244

 1.4202, 0.3504,
0.3051

253.1361, 0.3195,

 0.2316, 0.4402,

0.3247

0.2471

304.2745, 0.3191,
0.3250

0.0000, 0.0000,
0.0000

43.7958, 0.3248,
0.3213

43.7958, 0.3248,
0.3213

36.5420, 0.3397,
0.3131

52.1483, 0.3127,
0.3290

30.3353, 0.3578,
0.3046

61.6368, 0.3027,
0.3362

25.1288, 0.3798,
0.2961

72.3039, 0.2946,
0.3428

20.8694, 0.4059,
0.2884

84.1883, 0.2880,
0.3488

17.4995, 0.4363,
0.2821

89.0878, 0.2816,
0.3414

■ 14.9546, 0.4701,
0.2784

■ 89.8155, 0.2757,
0.3289

■ 13.1620, 0.5056,
0.2786

■ 12.0354, 0.5401,
0.2834

■ 11.4082, 0.5710,
0.2920

Harmonies

Analogous

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



43.7958, 0.3138, 0.3137



43.7958, 0.3248, 0.3213



43.7958, 0.3326, 0.3310

Triad

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



43.7958, 0.3248, 0.3213



43.7958, 0.3225, 0.3487



43.7958, 0.2910, 0.3172

Complementary

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



43.7958, 0.3248, 0.3213



49.5330, 0.3019, 0.3368

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.



43.7958, 0.2932, 0.3265



43.7958, 0.3248, 0.3213



43.7958, 0.3113, 0.3450

Square

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



43.7958, 0.3248, 0.3213



43.7958, 0.3312, 0.3469



43.7958, 0.3006, 0.3368



43.7958, 0.2944, 0.3112

Rectangle

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



43.7958, 0.3248, 0.3213



43.7958, 0.3348, 0.3374



43.7958, 0.3006, 0.3368



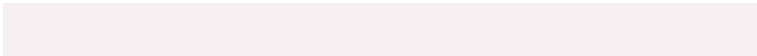
43.7958, 0.2911, 0.3200

Sweetspot

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



43.7977, 0.3248, 0.3213



88.5437, 0.3162, 0.3267



43.5810, 0.3086, 0.3045



19.1711, 0.3171, 0.3261



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.



43.7977, 0.3248, 0.3213



75.3568, 0.3279, 0.3195



44.9046, 0.3295, 0.3336



9.5847, 0.3240, 0.3218



7.5088, 0.5677, 0.2901



0.3063, 0.4980, 0.2517

Inverse Universe

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



43.7977, 0.3248, 0.3213



75.3568, 0.3279, 0.3195



48.2914, 0.2976, 0.3244



9.5847, 0.3240, 0.3218



7.5088, 0.5677, 0.2901



0.3063, 0.4980, 0.2517

Previews

White Background



This preview shows how the Yxy color 43.7958, 0.3248, 0.3213 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 43.7958, 0.3248, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

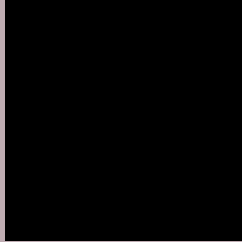
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7958, 0.3248, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 43.7958, 0.3248, 0.3213.



This preview shows how white text looks on a background with the Yxy color 43.7958, 0.3248, 0.3213.

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

43.7958, 0.3248, 0.3213

Protanopia

43.9297, 0.3121, 0.3237

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

43.7930, 0.3207, 0.3124

Trichromacy



Original Color

43.7958, 0.3248, 0.3213

Protanomaly

43.9819, 0.3165, 0.3238

Deuteranomaly

43.5466, 0.3258, 0.3200

Tritanomaly

43.7097, 0.3224, 0.3149

Monochromacy



Original Color

43.7958, 0.3248, 0.3213

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3323, 0.3172, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7958, 0.3248, 0.3213 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.7958, 0.3248, 0.3213 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, 178) }
```

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

```
.border{ border-color:rgb(191, 172, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7958, 0.3248, 0.3213 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, 178) }
```

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

```
.background{ background-color: rgb(191,  
172, 178) }
```

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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