

Converting Colors

$Y_{xy}(42.4258, 0.3240, 0.3149)$

Have a look what the booklet for
Yxy(42.4258, 0.3240, 0.3149)
contains.

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Color

Yxy(42.3363, 0.3244, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	BFA8B3
RGB	191, 168, 179
RGB Percent	75%, 66%, 70%
CMY	0.2509, 0.3412, 0.2980
CMYK	0.00, 0.12, 0.06, 0.25
HSL	331°, 15%, 70%
HSV	331°, 12%, 75%
XYZ	43.6274, 42.3363, 48.5227
YIQ	176.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

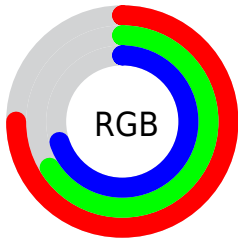
Format	Color
RYB	191, 168, 179
Decimal	12560563
CIELab	71.10, 10.25, -2.59
CIELCh	71, 10.576, 345.829
Yxy	42.3363, 0.3244, 0.3148
Android (android.graphics.Color)	4290750643 (0xFFBFA8B3)
YUV	176.1310, 1.4144, 13.0401
Hunter-Lab	65.0664, 5.8192, 1.3314

Details

The Yxy color $42.3363, 0.3244, 0.3148$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.8867, 0.3024, 0.3436$, and the grayscale version is $43.4780, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5477, 0.3217, 0.3169$, and $19.3155, 0.3277, 0.3113$ is the 20% darker color. If you saturate the color by 10%, you get $35.4070, 0.3363, 0.3023$, and if you desaturate by 10%, it is $50.3344, 0.3145, 0.3267$.

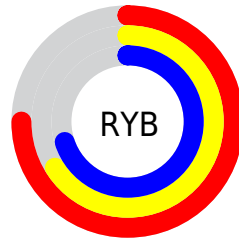
Distribution



Red (75%)

Green (66%)

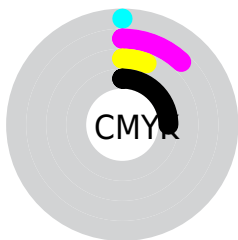
Blue (70%)



Red (75%)

Yellow (66%)

Blue (70%)

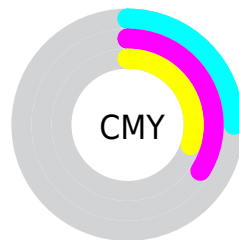


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3363, 0.3244, 0.3148 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 42.3363, 0.3244, 0.3148 by changing the saturation by 10% instead.


 42.3363, 0.3244,
0.3148

 42.3363, 0.3244,
0.3148


355.8751, 0.3185,
0.3220

 29.3647, 0.3259,
0.3130


 78.7083, 0.3222,
0.3174

 19.3569, 0.3278,
0.3107


 102.8776, 0.3214,
0.3184

 11.9284, 0.3304,
0.3076


131.5482, 0.3208,
0.3192

 6.6950, 0.3341,
0.3032

165.1045, 0.3202,
0.3199

 3.2721, 0.3397,
0.2966

203.9310, 0.3197,
0.3205

 1.2754, 0.3492,
0.2854

248.4120, 0.3192,

 0.1220, 0.4566,

0.3211

0.1521

298.9319, 0.3188,
0.3215

0.0000, 0.0000,
0.0000

42.3363, 0.3244,
0.3148

42.3363, 0.3244,
0.3148

35.4070, 0.3363,
0.3023

50.3344, 0.3145,
0.3267

29.4953, 0.3506,
0.2896

59.4386, 0.3064,
0.3378

24.5541, 0.3675,
0.2770

69.6912, 0.2996,
0.3481

20.5306, 0.3872,
0.2654

81.1306, 0.2941,
0.3575

17.3665, 0.4096,
0.2558

88.2456, 0.2891,
0.3574

■ 14.9971, 0.4342,
0.2493

■ 88.8178, 0.2839,
0.3464

■ 13.3481, 0.4601,
0.2472

■ 89.4226, 0.2788,
0.3355

■ 12.3311, 0.4858,
0.2504

■ 89.8178, 0.2757,
0.3289

■ 11.8393, 0.5056,
0.2559

Harmonies

Analogous

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



42.3363, 0.3090, 0.3062



42.3363, 0.3244, 0.3148



42.3363, 0.3369, 0.3271

Triad

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



42.3363, 0.3244, 0.3148



42.3363, 0.3304, 0.3558



42.3363, 0.2836, 0.3167

Complementary

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



42.3363, 0.3244, 0.3148



48.8867, 0.3024, 0.3436

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.



42.3363, 0.2891, 0.3302



42.3363, 0.3244, 0.3148



42.3363, 0.3159, 0.3533

Square

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



42.3363, 0.3244, 0.3148



42.3363, 0.3403, 0.3508



42.3363, 0.3008, 0.3439



42.3363, 0.2857, 0.3069

Rectangle

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



42.3363, 0.3244, 0.3148



42.3363, 0.3417, 0.3359



42.3363, 0.3008, 0.3439



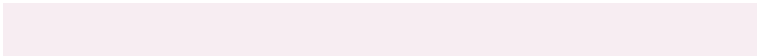
42.3363, 0.2846, 0.3209

Sweetspot

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



42.3382, 0.3244, 0.3148



87.0927, 0.3164, 0.3243



41.4576, 0.3042, 0.2988



18.8766, 0.3171, 0.3234



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.



42.3382, 0.3244, 0.3148



72.9591, 0.3268, 0.3121



42.0522, 0.3341, 0.3296



9.6103, 0.3215, 0.3181



7.7957, 0.5025, 0.2542



0.3186, 0.4479, 0.2241

Inverse Universe

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



42.3382, 0.3244, 0.3148



72.9591, 0.3268, 0.3121



49.1862, 0.2945, 0.3284



9.6103, 0.3215, 0.3181



7.7957, 0.5025, 0.2542



0.3186, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 42.3363, 0.3244, 0.3148 looks on a white background.

Color Contrast Check

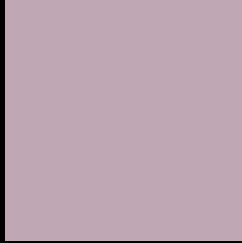
Large Text (above 18pt) WCAG AA × Fail

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 42.3363, 0.3244, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

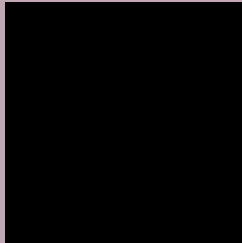
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3363, 0.3244, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 42.3363, 0.3244, 0.3148.



This preview shows how white text looks on a background with the Yxy color 42.3363, 0.3244, 0.3148.

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

42.3363, 0.3244, 0.3148

Protanopia

42.3785, 0.3071, 0.3169

Deuteranopia

42.4494, 0.3224, 0.3160



Tritanopia

42.4178, 0.3227, 0.3123

Trichromacy



Original Color

42.3363, 0.3244, 0.3148

Protanomaly

42.2858, 0.3133, 0.3158

Deuteranomaly

42.5778, 0.3234, 0.3161

Tritanomaly

42.3769, 0.3235, 0.3135

Monochromacy



Original Color

42.3363, 0.3244, 0.3148

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8852, 0.3165, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3363, 0.3244, 0.3148 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, 168, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 179)  
}
```

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, 168, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.3363, 0.3244, 0.3148 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, 168, 179) }
```

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

```
.border{ border-color:rgb(191, 168, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3363, 0.3244, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 179) }
```

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

```
.background{ background-color: rgb(191,  
168, 179) }
```

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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