

Converting Colors

$Y_{xy}(42.2291, 0.3248, 0.3217)$

Have a look what the booklet for
Yxy(42.2291, 0.3248, 0.3217)
contains.

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Color

Yxy(42.1624, 0.3250, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9AF
RGB	188, 169, 175
RGB Percent	74%, 66%, 69%
CMY	0.2628, 0.3372, 0.3138
CMYK	0.00, 0.10, 0.07, 0.26
HSL	341°, 12%, 70%
HSV	341°, 10%, 74%
XYZ	42.6612, 42.1624, 46.4416
YIQ	175.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

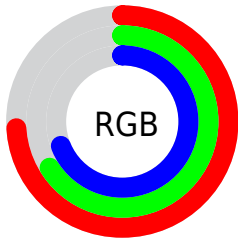
Format	Color
R _Y B	188, 169, 175
Decimal	12364207
CIE Lab	70.98, 7.90, -0.58
CIE LCh	71, 7.922, 355.807
Yxy	42.1624, 0.3250, 0.3212
Android (android.graphics.Color)	4290554287 (0xFFBCA9AF)
YUV	175.3650, -0.1799, 11.0809
Hunter-Lab	64.9326, 3.6439, 3.0469

Details

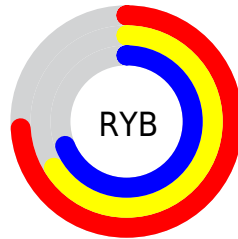
The Yxy color **42.1624, 0.3250, 0.3212** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.7741, 0.3018, 0.3369**, and the grayscale version is **43.0658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2576, 0.3229, 0.3229**, and **19.3035, 0.3286, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **35.1828, 0.3399, 0.3130**, and if you desaturate by 10%, it is **50.1996, 0.3128, 0.3289**.

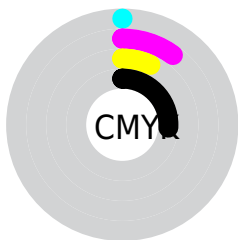
Distribution



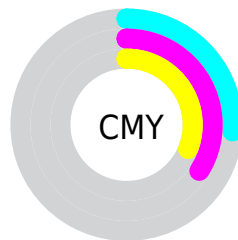
- Red (74%)
- Green (66%)
- Blue (69%)



- Red (74%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (26%)




- Cyan (26%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1624, 0.3250, 0.3212 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 42.1624, 0.3250, 0.3212 by changing the saturation by 10% instead.


 42.1624, 0.3250,
0.3212

 42.1624, 0.3250,
0.3212


355.1557, 0.3188,
0.3252

 29.2285, 0.3266,
0.3202


 78.4454, 0.3227,
0.3227

 19.2537, 0.3287,
0.3189


 102.5632, 0.3219,
0.3232

 11.8538, 0.3314,
0.3171


131.1777, 0.3211,
0.3237

 6.6442, 0.3354,
0.3146

164.6735, 0.3205,
0.3240

 3.2406, 0.3415,
0.3108

203.4347, 0.3200,
0.3244

 1.2586, 0.3521,
0.3042

247.8459, 0.3195,

 0.1088, 0.5253,

0.3247

0.1929

298.2914, 0.3191,
0.3249

0.0000, 0.0000,
0.0000

42.1624, 0.3250,
0.3212

42.1624, 0.3250,
0.3212

35.1828, 0.3399,
0.3130

50.1996, 0.3128,
0.3289

29.2111, 0.3581,
0.3045

59.3302, 0.3029,
0.3361

24.2021, 0.3801,
0.2961

69.5953, 0.2947,
0.3427

20.1048, 0.4063,
0.2884

81.0322, 0.2881,
0.3487

16.8635, 0.4367,
0.2821

88.4630, 0.2820,
0.3458

■ 14.4162, 0.4705,
0.2785

■ 89.2528, 0.2755,
0.3318

■ 12.6928, 0.5060,
0.2787

■ 89.4295, 0.2741,
0.3289

■ 11.6104, 0.5405,
0.2835

■ 11.0078, 0.5711,
0.2920

Harmonies

Analogous

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



42.1624, 0.3139, 0.3135



42.1624, 0.3250, 0.3212



42.1624, 0.3329, 0.3310

Triad

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



42.1624, 0.3250, 0.3212



42.1624, 0.3227, 0.3490



42.1624, 0.2907, 0.3170

Complementary

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



42.1624, 0.3250, 0.3212



47.7741, 0.3018, 0.3369

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.



42.1624, 0.2929, 0.3265



42.1624, 0.3250, 0.3212



42.1624, 0.3113, 0.3453

Square

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



42.1624, 0.3250, 0.3212



42.1624, 0.3315, 0.3472



42.1624, 0.3004, 0.3369



42.1624, 0.2942, 0.3109

Rectangle

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



42.1624, 0.3250, 0.3212



42.1624, 0.3352, 0.3375



42.1624, 0.3004, 0.3369



42.1624, 0.2908, 0.3199

Sweetspot

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



42.1642, 0.3250, 0.3212



86.4869, 0.3162, 0.3267



41.9524, 0.3085, 0.3042



18.3402, 0.3171, 0.3261



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.



42.1642, 0.3250, 0.3212



73.6125, 0.3279, 0.3195



43.2462, 0.3297, 0.3336



9.5846, 0.3240, 0.3218



7.5080, 0.5679, 0.2902



0.3063, 0.4982, 0.2518

Inverse Universe

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



42.1642, 0.3250, 0.3212



73.6125, 0.3279, 0.3195



46.5584, 0.2974, 0.3243



9.5846, 0.3240, 0.3218



7.5080, 0.5679, 0.2902



0.3063, 0.4982, 0.2518

Previews

White Background



This preview shows how the Yxy color 42.1624, 0.3250, 0.3212 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 42.1624, 0.3250, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

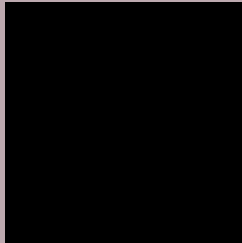
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1624, 0.3250, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 42.1624, 0.3250, 0.3212.



This preview shows how white text looks on a background with the Yxy color 42.1624, 0.3250, 0.3212.

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

42.1624, 0.3250, 0.3212

Protanopia

42.2916, 0.3121, 0.3236

Deuteranopia

42.0476, 0.3270, 0.3199



Tritanopia

42.1603, 0.3208, 0.3122

Trichromacy



Original Color

42.1624, 0.3250, 0.3212

Protanomaly

42.3429, 0.3166, 0.3237

Deuteranomaly

41.9192, 0.3261, 0.3199

Tritanomaly

42.0788, 0.3226, 0.3147

Monochromacy



Original Color

42.1624, 0.3250, 0.3212

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6856, 0.3173, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1624, 0.3250, 0.3212 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(188, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 175)  
}
```

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(188, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.1624, 0.3250, 0.3212 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(188, 169, 175) }
```

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

```
.border{ border-color:rgb(188, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1624, 0.3250, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 175) }
```

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

```
.background{ background-color: rgb(188,  
169, 175) }
```

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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