

Converting Colors

$Y_{xy}(42.1875, 0.3216, 0.3189)$

Have a look what the booklet for
Yxy(42.1875, 0.3216, 0.3189)
contains.

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Color

Yxy(41.9894, 0.3214, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	BAA9B1
RGB	186, 169, 177
RGB Percent	73%, 66%, 69%
CMY	0.2706, 0.3372, 0.3058
CMYK	0.00, 0.09, 0.05, 0.27
HSL	332°, 11%, 70%
HSV	332°, 9%, 73%
XYZ	42.3717, 41.9894, 47.4737
YIQ	174.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

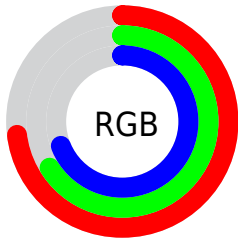
Format	Color
RYB	186, 169, 177
Decimal	12233137
CIELab	70.86, 7.55, -1.89
CIElCh	71, 7.780, 345.927
Yxy	41.9894, 0.3214, 0.3185
Android (android.graphics.Color)	4290423217 (0xFFBAA9B1)
YUV	174.9950, 0.9885, 9.6514
Hunter-Lab	64.7992, 3.3211, 1.9219

Details

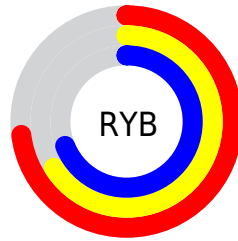
The Yxy color **41.9894, 0.3214, 0.3185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7610, 0.3048, 0.3397**, and the grayscale version is **42.8593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0717, 0.3195, 0.3198**, and **19.1644, 0.3248, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **35.1780, 0.3328, 0.3064**, and if you desaturate by 10%, it is **49.8171, 0.3120, 0.3300**.

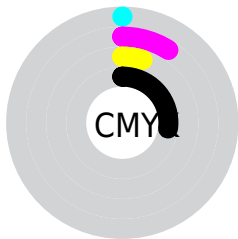
Distribution



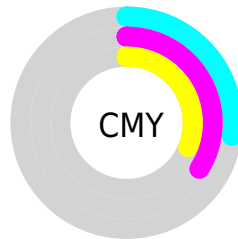
- Red (73%)
- Green (66%)
- Blue (69%)



- Red (73%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9894, 0.3214, 0.3185 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 41.9894, 0.3214, 0.3185 by changing the saturation by 10% instead.


 41.9894, 0.3214,
0.3185


 41.9894, 0.3214,
0.3185


354.4390, 0.3170,
0.3238

 29.0930, 0.3225,
0.3172


 78.1836, 0.3198,
0.3204

 19.1512, 0.3240,
0.3154


 102.2501, 0.3192,
0.3212

 11.7796, 0.3259,
0.3131


130.8089, 0.3187,
0.3218

 6.5938, 0.3287,
0.3098

164.2442, 0.3182,
0.3223

 3.2094, 0.3329,
0.3047

202.9405, 0.3179,
0.3228

 1.2420, 0.3402,
0.2962

247.2821, 0.3175,

 0.0956, 0.4532,

0.3232

0.1575

297.6535, 0.3173,
0.3235

0.0000, 0.0000,
0.0000

41.9894, 0.3214,
0.3185

41.9894, 0.3214,
0.3185

35.1780, 0.3328,
0.3064

49.8171, 0.3120,
0.3300

29.3353, 0.3465,
0.2939

58.6949, 0.3042,
0.3407

24.4184, 0.3628,
0.2814

68.6621, 0.2977,
0.3505

20.3789, 0.3819,
0.2696

79.7542, 0.2924,
0.3596

17.1637, 0.4038,
0.2594

87.4565, 0.2877,
0.3607

■ 14.7142, 0.4282,
0.2520

■ 88.0120, 0.2826,
0.3496

■ 12.9639, 0.4541,
0.2486

■ 88.5990, 0.2777,
0.3388

■ 11.8348, 0.4804,
0.2502

■ 89.1772, 0.2731,
0.3289

■ 11.1865, 0.5058,
0.2566

Harmonies

Analogous

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



41.9894, 0.3101, 0.3120



41.9894, 0.3214, 0.3185



41.9894, 0.3305, 0.3277

Triad

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



41.9894, 0.3214, 0.3185



41.9894, 0.3258, 0.3487



41.9894, 0.2911, 0.3200

Complementary

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



41.9894, 0.3214, 0.3185



46.7610, 0.3048, 0.3397

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.



41.9894, 0.2952, 0.3300



41.9894, 0.3214, 0.3185



41.9894, 0.3151, 0.3468

Square

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



41.9894, 0.3214, 0.3185



41.9894, 0.3330, 0.3451



41.9894, 0.3039, 0.3399



41.9894, 0.2927, 0.3127

Rectangle

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



41.9894, 0.3214, 0.3185



41.9894, 0.3340, 0.3343



41.9894, 0.3039, 0.3399



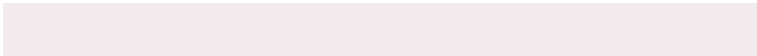
41.9894, 0.2919, 0.3231

Sweetspot

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



41.9912, 0.3214, 0.3185



84.5253, 0.3155, 0.3256



41.3625, 0.3064, 0.3065



18.3587, 0.3162, 0.3246



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.



41.9912, 0.3214, 0.3185



73.4407, 0.3236, 0.3161



41.7866, 0.3284, 0.3294



9.0808, 0.3216, 0.3183



7.5089, 0.5050, 0.2556



0.2772, 0.4455, 0.2228

Inverse Universe

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



41.9912, 0.3214, 0.3185



73.4407, 0.3236, 0.3161



46.9729, 0.2988, 0.3286



9.0808, 0.3216, 0.3183



7.5089, 0.5050, 0.2556



0.2772, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 41.9894, 0.3214, 0.3185 looks on a white background.

Color Contrast Check

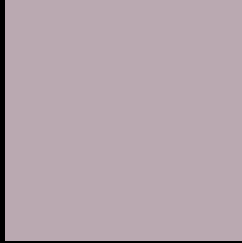
Large Text (above 18pt) WCAG AA × Fail

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 41.9894, 0.3214, 0.3185 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 41.9894, 0.3214, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 41.9894, 0.3214, 0.3185.



This preview shows how white text looks on a background with the Yxy color 41.9894, 0.3214, 0.3185.

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

41.9894, 0.3214, 0.3185

Protanopia

42.2558, 0.3096, 0.3209

Deuteranopia

41.8710, 0.3234, 0.3173



Tritanopia

41.9475, 0.3181, 0.3108

Trichromacy



Original Color

41.9894, 0.3214, 0.3185

Protanomaly

42.3031, 0.3140, 0.3210

Deuteranomaly

41.7444, 0.3224, 0.3172

Tritanomaly

41.8653, 0.3198, 0.3133

Monochromacy



Original Color

41.9894, 0.3214, 0.3185

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6054, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9894, 0.3214, 0.3185 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(186, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 177)  
}
```

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(186, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 177) }
```

Border

The CSS property to change the border of an element to Yxy 41.9894, 0.3214, 0.3185 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(186, 169, 177) }
```

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

```
.border{ border-color:rgb(186, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9894, 0.3214, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 177) }
```

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

```
.background{ background-color: rgb(186,  
169, 177) }
```

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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