

Converting Colors

Yxy(41.9919, 0.3208, 0.3134)

Have a look what the booklet for
Yxy(41.9919, 0.3208, 0.3134)
contains.

Yxy(41.9919, 0.3208, 0.3134)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.9919, 0.3208, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	BCA8B4
RGB	188, 168, 180
RGB Percent	74%, 66%, 71%
CMY	0.2626, 0.3412, 0.2942
CMYK	0.00, 0.11, 0.04, 0.26
HSL	324°, 13%, 70%
HSV	324°, 11%, 74%
XYZ	42.9834, 41.9919, 49.0129
YIQ	175.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

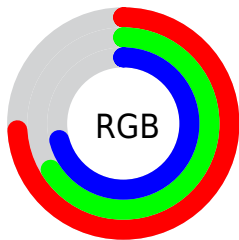
Format	Color
R _Y B	188, 168, 180
Decimal	12363956
CIE Lab	70.87, 9.37, -3.51
CIE LCh	71, 10.004, 339.459
Yxy	41.9919, 0.3208, 0.3134
Android (android.graphics.Color)	4290554036 (0xFFBCA8B4)
YUV	175.3480, 2.2934, 11.0958
Hunter-Lab	64.8012, 4.9992, 0.5163

Details

The Yxy color $41.9919, 0.3208, 0.3134$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.4381, 0.3054, 0.3451$, and the grayscale version is $43.0461, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.0646, 0.3190, 0.3158$, and $19.1740, 0.3239, 0.3094$ is the 20% darker color. If you saturate the color by 10%, you get $35.2468, 0.3299, 0.2980$, and if you desaturate by 10%, it is $49.7612, 0.3132, 0.3281$.

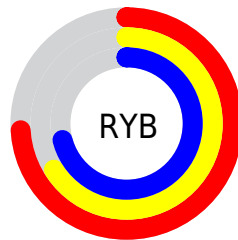
Distribution



Red (74%)

Green (66%)

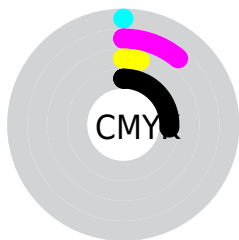
Blue (71%)



Red (74%)

Yellow (66%)

Blue (71%)

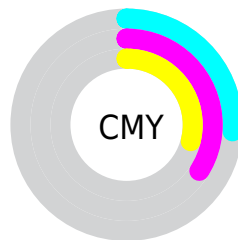


Cyan (0%)

Magenta (11%)

Yellow (4%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9919, 0.3208, 0.3134 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 41.9919, 0.3208, 0.3134 by changing the saturation by 10% instead.


 41.9919, 0.3208,
0.3134

 41.9919, 0.3208,
0.3134


354.4494, 0.3167,
0.3213

 29.0949, 0.3218,
0.3114


 78.1874, 0.3193,
0.3163

 19.1527, 0.3231,
0.3089


 102.2547, 0.3188,
0.3173

 11.7806, 0.3249,
0.3055


130.8142, 0.3183,
0.3182

 6.5945, 0.3274,
0.3007

164.2504, 0.3179,
0.3190

 3.2098, 0.3312,
0.2934

202.9476, 0.3175,
0.3197

 1.2422, 0.3376,
0.2812

247.2902, 0.3172,

 0.0958, 0.4178,

0.3203

0.1252

297.6627, 0.3170,
0.3208

■ 0.0000, 0.0000,
0.0000

■ 41.9919, 0.3208,
0.3134

■ 41.9919, 0.3208,
0.3134

■ 35.2468, 0.3299,
0.2980

■ 49.7612, 0.3132,
0.3281

■ 29.4773, 0.3406,
0.2823

■ 58.5899, 0.3068,
0.3419

■ 24.6389, 0.3531,
0.2668

■ 68.5180, 0.3015,
0.3547

■ 20.6817, 0.3675,
0.2523

■ 79.5819, 0.2971,
0.3665

■ 17.5509, 0.3836,
0.2396

■ 87.2619, 0.2932,
0.3702

■ 15.1855, 0.4010,
0.2300

■ 87.6653, 0.2893,
0.3616

■ 13.5162, 0.4194,
0.2247

■ 88.0870, 0.2853,
0.3531

■ 12.4606, 0.4378,
0.2243

■ 88.5271, 0.2815,
0.3447

■ 11.8772, 0.4548,
0.2279

■ 88.9858, 0.2777,
0.3365

Harmonies

Analogous

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



41.9919, 0.3061, 0.3062



41.9919, 0.3208, 0.3134



41.9919, 0.3335, 0.3246

Triad

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



41.9919, 0.3208, 0.3134



41.9919, 0.3320, 0.3539



41.9919, 0.2856, 0.3199

Complementary

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



41.9919, 0.3208, 0.3134



47.4381, 0.3054, 0.3451

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.



41.9919, 0.2922, 0.3331



41.9919, 0.3208, 0.3134



41.9919, 0.3188, 0.3531

Square

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



41.9919, 0.3208, 0.3134



41.9919, 0.3400, 0.3479



41.9919, 0.3043, 0.3454



41.9919, 0.2860, 0.3096

Rectangle

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



41.9919, 0.3208, 0.3134



41.9919, 0.3391, 0.3330



41.9919, 0.3043, 0.3454



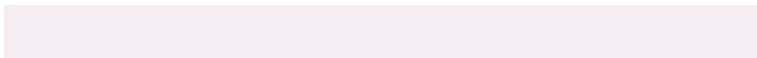
41.9919, 0.2871, 0.3241

Sweetspot

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



41.9937, 0.3208, 0.3134



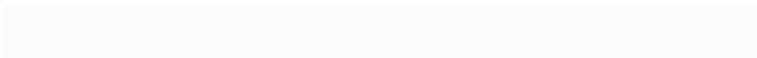
86.6113, 0.3149, 0.3246



40.8673, 0.3032, 0.3023



18.3738, 0.3155, 0.3235



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.



41.9937, 0.3208, 0.3134



72.7808, 0.3230, 0.3095



41.6012, 0.3296, 0.3264



9.6297, 0.3197, 0.3154



8.0992, 0.4526, 0.2267



0.3299, 0.4131, 0.2049

Inverse Universe

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



41.9937, 0.3208, 0.3134



72.7808, 0.3230, 0.3095



47.8483, 0.2980, 0.3316



9.6297, 0.3197, 0.3154



8.0992, 0.4526, 0.2267



0.3299, 0.4131, 0.2049

Previews

White Background



This preview shows how the Yxy color 41.9919, 0.3208, 0.3134 looks on a white background.

Color Contrast Check

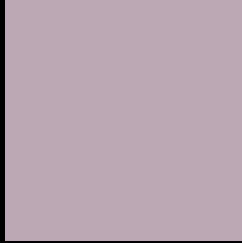
Large Text (above 18pt) WCAG AA × Fail

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 41.9919, 0.3208, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

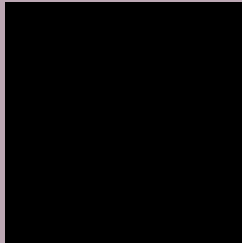
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9919, 0.3208, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 41.9919, 0.3208, 0.3134.



This preview shows how white text looks on a background with the Yxy color 41.9919, 0.3208, 0.3134.

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

41.9919, 0.3208, 0.3134

Protanopia

41.9226, 0.3055, 0.3142

Deuteranopia

41.8653, 0.3198, 0.3133



Tritanopia

42.0328, 0.3199, 0.3121

Trichromacy



Original Color

41.9919, 0.3208, 0.3134

Protanomaly

42.0869, 0.3107, 0.3144

Deuteranomaly

41.8653, 0.3198, 0.3133

Tritanomaly

42.0328, 0.3199, 0.3121

Monochromacy



Original Color

41.9919, 0.3208, 0.3134

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3827, 0.3157, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9919, 0.3208, 0.3134 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, 168, 180)` looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 180)  
}
```

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, 168, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 180) }
```

Border

The CSS property to change the border of an element to Yxy 41.9919, 0.3208, 0.3134 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, 168, 180) }
```

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

```
.border{ border-color:rgb(188, 168, 180) }
```

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

Here you see how a box with a 4 pixel rgb(188, 168, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 180);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9919, 0.3208, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 180) }
```

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

```
.background{ background-color: rgb(188,  
168, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor