

Converting Colors

$Y_{xy}(44.3010, 0.3314, 0.3383)$

Have a look what the booklet for
Yxy(44.3010, 0.3314, 0.3383)
contains.

Yxy(44.3059, 0.3312, 0.3382)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.3059, 0.3312, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	BDAFA8
RGB	189, 175, 168
RGB Percent	74%, 69%, 66%
CMY	0.2587, 0.3137, 0.3412
CMYK	0.00, 0.07, 0.11, 0.26
HSL	20°, 14%, 70%
HSV	20°, 11%, 74%
XYZ	43.3889, 44.3059, 43.3103
YIQ	178.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

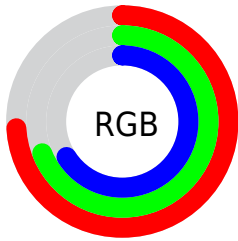
Format	Color
RYB	189, 179, 168
Decimal	12431272
CIELab	72.43, 3.82, 5.38
CIELCh	72, 6.598, 54.668
Yxy	44.3059, 0.3312, 0.3382
Android (android.graphics.Color)	4290621352 (0xFFBDFAFA8)
YUV	178.3880, -5.1213, 9.3067
Hunter-Lab	66.5627, -0.1295, 8.0157

Details

The Yxy color $44.3059, 0.3312, 0.3382$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.4688, 0.2957, 0.3196$, and the grayscale version is $44.7630, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8920, 0.3275, 0.3372$, and $20.6611, 0.3371, 0.3416$ is the 20% darker color. If you saturate the color by 10%, you get $38.9710, 0.3510, 0.3470$, and if you desaturate by 10%, it is $50.2058, 0.3144, 0.3299$.

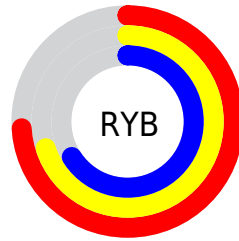
Distribution



Red (74%)

Green (69%)

Blue (66%)



Red (74%)

Yellow (70%)

Blue (66%)

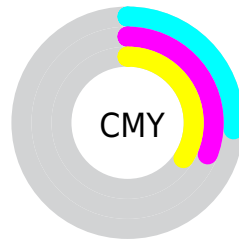


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3059, 0.3312, 0.3382 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 44.3059, 0.3312, 0.3382 by changing the saturation by 10% instead.


 44.3059, 0.3312,
0.3382

 44.3059, 0.3312,
0.3382


363.9551, 0.3218,
0.3336

 30.9111, 0.3336,
0.3393


 81.6779, 0.3278,
0.3365

 20.5311, 0.3366,
0.3408


106.4238, 0.3265,
0.3359

 12.7817, 0.3408,
0.3427


135.7221, 0.3254,
0.3354

 7.2784, 0.3466,
0.3454

169.9574, 0.3245,
0.3349

 3.6368, 0.3556,
0.3494

209.5139, 0.3237,
0.3345

 1.4726, 0.3708,
0.3559

254.7761, 0.3230,

 0.2693, 0.5645,

0.3342

0.4355

306.1284, 0.3224,
0.3339

0.0000, 0.0000,
0.0000

44.3059, 0.3312,
0.3382

44.3059, 0.3312,
0.3382

38.9710, 0.3510,
0.3470

50.2058, 0.3144,
0.3299

34.1783, 0.3741,
0.3561

56.6810, 0.3002,
0.3222

29.9120, 0.4009,
0.3651

63.7490, 0.2882,
0.3151

26.1533, 0.4314,
0.3734

71.4245, 0.2779,
0.3086

22.8824, 0.4650,
0.3800

79.2284, 0.2730,
0.3106

■ 20.0776, 0.5003,
0.3839

■ 86.8351, 0.2743,
0.3243

■ 17.7159, 0.5348,
0.3837

■ 89.5623, 0.2747,
0.3289

■ 15.7714, 0.5655,
0.3787

■ 14.3653, 0.5882,
0.3712

Harmonies

Analogous

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



44.3059, 0.3291, 0.3304



44.3059, 0.3312, 0.3382



44.3059, 0.3283, 0.3437

Triad

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



44.3059, 0.3312, 0.3382



44.3059, 0.3030, 0.3358



44.3059, 0.3041, 0.3131

Complementary

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



44.3059, 0.3312, 0.3382



45.4688, 0.2957, 0.3196

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.



44.3059, 0.2973, 0.3143



44.3059, 0.3312, 0.3382



44.3059, 0.2966, 0.3273

Square

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



44.3059, 0.3312, 0.3382



44.3059, 0.3119, 0.3425



44.3059, 0.2946, 0.3194



44.3059, 0.3133, 0.3161

Rectangle

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



44.3059, 0.3312, 0.3382



44.3059, 0.3239, 0.3453



44.3059, 0.2946, 0.3194



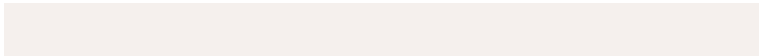
44.3059, 0.3015, 0.3130

Sweetspot

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



44.3079, 0.3312, 0.3382



87.7786, 0.3174, 0.3315



42.2202, 0.3197, 0.3104



18.6884, 0.3187, 0.3321



95.5105, 0.3127, 0.3290



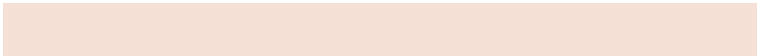
19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.3079, 0.3312, 0.3382



77.2568, 0.3351, 0.3400



48.4194, 0.3296, 0.3512



10.0411, 0.3280, 0.3367



9.7893, 0.5859, 0.3730



0.5061, 0.5384, 0.4107

Inverse Universe

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



45.4688, 0.2957, 0.3196



79.6892, 0.2925, 0.3177



41.4500, 0.2955, 0.3058



10.2600, 0.2985, 0.3212



12.6770, 0.1938, 0.2178



0.6121, 0.2021, 0.2476

Previews

White Background



This preview shows how the Yxy color 44.3059, 0.3312, 0.3382 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 44.3059, 0.3312, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

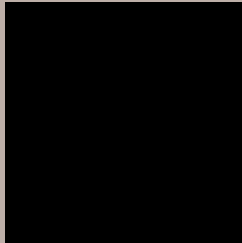
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3059, 0.3312, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 44.3059, 0.3312, 0.3382.



This preview shows how white text looks on a background with the Yxy color 44.3059, 0.3312, 0.3382.

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

44.3059, 0.3312, 0.3382

Protanopia

44.3761, 0.3246, 0.3396

Deuteranopia

44.3754, 0.3391, 0.3329



Tritanopia

44.1266, 0.3180, 0.3111

Trichromacy



Original Color

44.3059, 0.3312, 0.3382

Protanomaly

44.2295, 0.3265, 0.3383

Deuteranomaly

44.3538, 0.3362, 0.3342

Tritanomaly

44.0890, 0.3229, 0.3213

Monochromacy



Original Color

44.3059, 0.3312, 0.3382

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4454, 0.3196, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3059, 0.3312, 0.3382 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(189, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 175, 168)  
}
```

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(189, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 175, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.3059, 0.3312, 0.3382 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(189, 175, 168) }
```

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

```
.border{ border-color:rgb(189, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 175,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3059, 0.3312, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 175, 168) }
```

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

```
.background{ background-color: rgb(189,  
175, 168) }
```

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