

Converting Colors

$Y_{xy}(43.8238, 0.3146, 0.3251)$

Have a look what the booklet for
Yxy(43.8238, 0.3146, 0.3251)
contains.

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Color

Yxy(43.5776, 0.3147, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFB2
RGB	180, 175, 178
RGB Percent	71%, 69%, 70%
CMY	0.2939, 0.3138, 0.3019
CMYK	0.00, 0.03, 0.01, 0.29
HSL	324°, 3%, 70%
HSV	324°, 3%, 71%
XYZ	42.1965, 43.5776, 48.3108
YIQ	176.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

Format	Color
RYB	180, 175, 178
Decimal	11841458
CIELab	71.95, 2.36, -0.91
CIELCh	72, 2.527, 338.825
Yxy	43.5776, 0.3147, 0.3250
Android (android.graphics.Color)	4290031538 (0xFFB4AFB2)
YUV	176.8370, 0.5734, 2.7740
Hunter-Lab	66.0133, -1.4240, 2.8189

Details

The Yxy color $43.5776, 0.3147, 0.3250$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.9491, 0.3108, 0.3330$, and the grayscale version is $43.8767, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.9252, 0.3142, 0.3259$, and $20.1586, 0.3153, 0.3254$ is the 20% darker color. If you saturate the color by 10%, you get $36.7487, 0.3226, 0.3103$, and if you desaturate by 10%, it is $51.3601, 0.3081, 0.3389$.

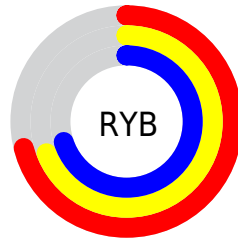
Distribution



Red (71%)

Green (69%)

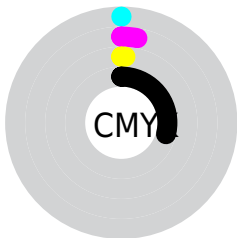
Blue (70%)



Red (71%)

Yellow (69%)

Blue (70%)

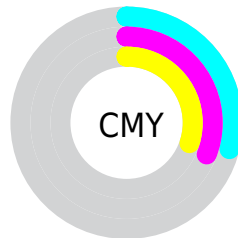


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5776, 0.3147, 0.3250 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 43.5776, 0.3147, 0.3250 by changing the saturation by 10% instead.

■ 43.5776, 0.3147,
0.3250

■ 43.5776, 0.3147,
0.3250

360.9818, 0.3137,
0.3270

■ 30.3386, 0.3150,
0.3245

■ 80.5818, 0.3143,
0.3257

■ 20.0957, 0.3153,
0.3238

105.1157, 0.3142,
0.3260

■ 12.4646, 0.3157,
0.3229

134.1833, 0.3141,
0.3263

■ 7.0609, 0.3163,
0.3217

168.1692, 0.3140,
0.3265

■ 3.5002, 0.3173,
0.3198

207.4575, 0.3139,
0.3266

■ 1.3981, 0.3189,
0.3165

252.4328, 0.3138,

■ 0.2154, 0.3380,

0.3268

0.2776

303.4794, 0.3138,
0.3269

0.0000, 0.0000,
0.0000

43.5776, 0.3147,
0.3250

43.5776, 0.3147,
0.3250

36.7487, 0.3226,
0.3103

51.3601, 0.3081,
0.3389

30.8308, 0.3321,
0.2949

60.1255, 0.3026,
0.3519

25.7865, 0.3432,
0.2792

69.9087, 0.2980,
0.3638

21.5734, 0.3561,
0.2639

80.7413, 0.2942,
0.3749

18.1459, 0.3708,
0.2497

86.0979, 0.2906,
0.3747

■ 15.4535, 0.3872,
0.2377

■ 86.4774, 0.2868,
0.3663

■ 13.4403, 0.4049,
0.2289

■ 86.8737, 0.2831,
0.3580

■ 12.0420, 0.4234,
0.2245

■ 87.2869, 0.2794,
0.3497

■ 11.1815, 0.4418,
0.2251

■ 87.7173, 0.2758,
0.3416

Harmonies

Analogous

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



43.5776, 0.3110, 0.3232



43.5776, 0.3147, 0.3250



43.5776, 0.3178, 0.3279

Triad

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



43.5776, 0.3147, 0.3250



43.5776, 0.3176, 0.3352



43.5776, 0.3059, 0.3269

Complementary

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



43.5776, 0.3147, 0.3250



44.9491, 0.3108, 0.3330

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.



43.5776, 0.3076, 0.3301



43.5776, 0.3147, 0.3250



43.5776, 0.3144, 0.3349

Square

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



43.5776, 0.3147, 0.3250



43.5776, 0.3195, 0.3338



43.5776, 0.3107, 0.3331



43.5776, 0.3060, 0.3243

Rectangle

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



43.5776, 0.3147, 0.3250



43.5776, 0.3192, 0.3300



43.5776, 0.3107, 0.3331



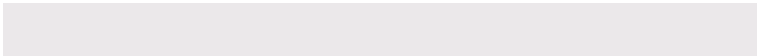
43.5776, 0.3063, 0.3280

Sweetspot

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



43.5795, 0.3147, 0.3250



81.3712, 0.3134, 0.3276



43.3017, 0.3104, 0.3223



17.6031, 0.3134, 0.3276



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.5795, 0.3147, 0.3250



78.6531, 0.3149, 0.3247



43.4794, 0.3168, 0.3283



9.4423, 0.3154, 0.3237



7.5339, 0.4528, 0.2268



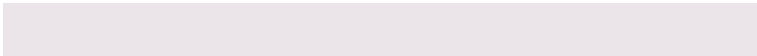
0.2482, 0.4070, 0.2016

Inverse Universe

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



43.5795, 0.3147, 0.3250



78.6531, 0.3149, 0.3247



45.0503, 0.3088, 0.3297



9.4423, 0.3154, 0.3237



7.5339, 0.4528, 0.2268



0.2482, 0.4070, 0.2016

Previews

White Background



This preview shows how the Yxy color 43.5776, 0.3147, 0.3250 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 43.5776, 0.3147, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

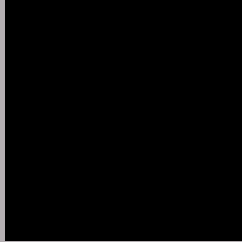
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

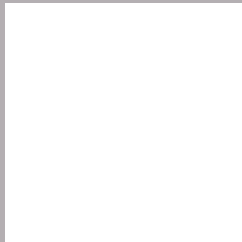
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5776, 0.3147, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 43.5776, 0.3147, 0.3250.



This preview shows how white text looks on a background with the Yxy color 43.5776, 0.3147, 0.3250.

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

43.5776, 0.3147, 0.3250

Protanopia

43.4580, 0.3138, 0.3250

Deuteranopia

43.5870, 0.3250, 0.3187



Tritanopia

43.6837, 0.3083, 0.3120

Trichromacy



Original Color

43.5776, 0.3147, 0.3250

Protanomaly

43.4580, 0.3138, 0.3250

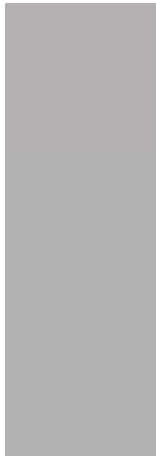
Deuteranomaly

43.4511, 0.3212, 0.3199

Tritanomaly

43.5566, 0.3107, 0.3159

Monochromacy



Original Color

43.5776, 0.3147, 0.3250

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6900, 0.3137, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5776, 0.3147, 0.3250 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(180, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 178)  
}
```

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(180, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.5776, 0.3147, 0.3250 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(180, 175, 178) }
```

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

```
.border{ border-color:rgb(180, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5776, 0.3147, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 178) }
```

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

```
.background{ background-color: rgb(180,  
175, 178) }
```

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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