

Converting Colors

$Y_{xy}(43.6475, 0.3160, 0.3259)$

Have a look what the booklet for
Yxy(43.6475, 0.3160, 0.3259)
contains.

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Color

Yxy(43.6580, 0.3164, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B5AFB1
RGB	181, 175, 177
RGB Percent	71%, 69%, 69%
CMY	0.2902, 0.3137, 0.3060
CMYK	0.00, 0.03, 0.02, 0.29
HSL	340°, 4%, 70%
HSV	340°, 3%, 71%
XYZ	42.3204, 43.6580, 47.7777
YIQ	177.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

Format	Color
RYB	181, 175, 177
Decimal	11906993
CIELab	72.00, 2.50, -0.26
CIElCh	72, 2.510, 354.133
Yxy	43.6580, 0.3164, 0.3264
Android (android.graphics.Color)	4290097073 (0xFFB5AFB1)
YUV	177.0220, -0.0108, 3.4887
Hunter-Lab	66.0742, -1.3008, 3.3798

Details

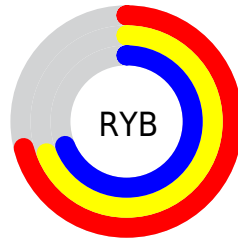
The Yxy color **43.6580, 0.3164, 0.3264** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.4205, 0.3092, 0.3316**, and the grayscale version is **43.9780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0395, 0.3155, 0.3270**, and **20.2103, 0.3177, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **36.6162, 0.3291, 0.3182**, and if you desaturate by 10%, it is **51.6912, 0.3060, 0.3340**.

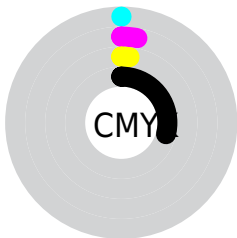
Distribution



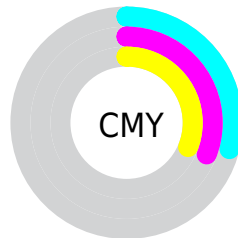
- Red (71%)
- Green (69%)
- Blue (69%)



- Red (71%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6580, 0.3164, 0.3264 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 43.6580, 0.3164, 0.3264 by changing the saturation by 10% instead.

■ 43.6580, 0.3164,
0.3264

■ 43.6580, 0.3164,
0.3264

361.3108, 0.3145,
0.3277

■ 30.4017, 0.3169,
0.3261

■ 80.7029, 0.3157,
0.3269

■ 20.1437, 0.3175,
0.3256

105.2603, 0.3155,
0.3271

■ 12.4996, 0.3183,
0.3250

134.3535, 0.3153,
0.3272

■ 7.0849, 0.3195,
0.3242

168.3669, 0.3151,
0.3273

■ 3.5152, 0.3212,
0.3230

207.6850, 0.3149,
0.3275

■ 1.4063, 0.3243,
0.3208

252.6921, 0.3148,

■ 0.2213, 0.3610,

0.3276

0.2945

303.7726, 0.3147,
0.3276

0.0000, 0.0000,
0.0000

43.6580, 0.3164,
0.3264

43.6580, 0.3164,
0.3264

36.6162, 0.3291,
0.3182

51.6912, 0.3060,
0.3340

30.5217, 0.3447,
0.3096

60.7465, 0.2975,
0.3411

25.3356, 0.3636,
0.3007

70.8602, 0.2905,
0.3475

21.0137, 0.3863,
0.2921

82.0651, 0.2847,
0.3534

17.5086, 0.4131,
0.2844

87.5037, 0.2791,
0.3478

■ 14.7680, 0.4439,
0.2786

■ 88.2418, 0.2730,
0.3344

■ 12.7334, 0.4776,
0.2758

■ 88.5644, 0.2706,
0.3289

■ 11.3380, 0.5123,
0.2771

■ 10.5016, 0.5453,
0.2832

Harmonies

Analogous

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



43.6580, 0.3129, 0.3240



43.6580, 0.3164, 0.3264



43.6580, 0.3189, 0.3295

Triad

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



43.6580, 0.3164, 0.3264



43.6580, 0.3160, 0.3352



43.6580, 0.3057, 0.3255

Complementary

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



43.6580, 0.3164, 0.3264



45.4205, 0.3092, 0.3316

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.



43.6580, 0.3066, 0.3285



43.6580, 0.3164, 0.3264



43.6580, 0.3125, 0.3341

Square

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



43.6580, 0.3164, 0.3264



43.6580, 0.3187, 0.3346



43.6580, 0.3090, 0.3317



43.6580, 0.3068, 0.3234

Rectangle

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



43.6580, 0.3164, 0.3264



43.6580, 0.3197, 0.3316



43.6580, 0.3090, 0.3317



43.6580, 0.3058, 0.3264

Sweetspot

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



43.6599, 0.3164, 0.3264



81.3351, 0.3138, 0.3282



43.5829, 0.3113, 0.3211



17.5957, 0.3138, 0.3283



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.



43.6599, 0.3164, 0.3264



77.1794, 0.3173, 0.3258



43.9726, 0.3179, 0.3303



9.2758, 0.3180, 0.3253



7.0046, 0.5623, 0.2871



0.2314, 0.4826, 0.2432

Inverse Universe

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



43.6599, 0.3164, 0.3264



77.1794, 0.3173, 0.3258



45.0956, 0.3077, 0.3277



9.2758, 0.3180, 0.3253



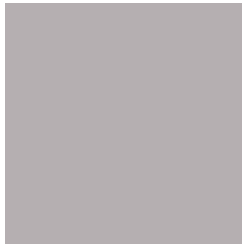
7.0046, 0.5623, 0.2871



0.2314, 0.4826, 0.2432

Previews

White Background



This preview shows how the Yxy color 43.6580, 0.3164, 0.3264 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 43.6580, 0.3164, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

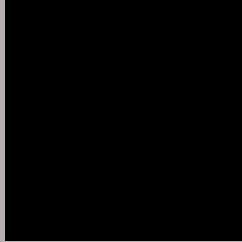
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

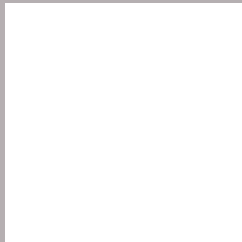
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6580, 0.3164, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 43.6580, 0.3164, 0.3264.

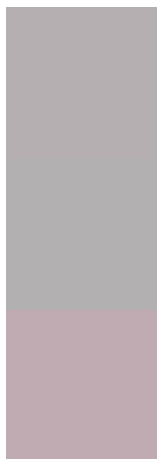


This preview shows how white text looks on a background with the Yxy color 43.6580, 0.3164, 0.3264.

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

43.6580, 0.3164, 0.3264

Protanopia

43.8087, 0.3145, 0.3277

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

43.5423, 0.3100, 0.3108

Trichromacy



Original Color

43.6580, 0.3164, 0.3264

Protanomaly

43.9283, 0.3154, 0.3277

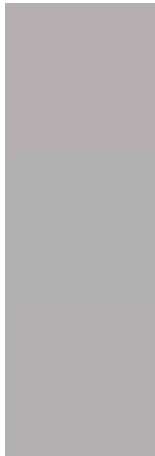
Deuteranomaly

43.5382, 0.3230, 0.3212

Tritanomaly

43.6361, 0.3124, 0.3172

Monochromacy



Original Color

43.6580, 0.3164, 0.3264

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 43.6580, 0.3164, 0.3264 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(181, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 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(181, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.6580, 0.3164, 0.3264 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(181, 175, 177) }
```

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

```
.border{ border-color:rgb(181, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6580, 0.3164, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 177) }
```

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

```
.background{ background-color: rgb(181,  
175, 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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