

Converting Colors

$Yxy(44.0499, 0.3179, 0.3340)$

Have a look what the booklet for
Yxy(44.0499, 0.3179, 0.3340)
contains.

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Color

Yxy(44.0451, 0.3177, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	B3B1AD
RGB	179, 177, 173
RGB Percent	70%, 69%, 68%
CMY	0.2982, 0.3058, 0.3216
CMYK	0.00, 0.01, 0.03, 0.30
HSL	41°, 4%, 69%
HSV	41°, 3%, 70%
XYZ	41.8455, 44.0451, 45.8232
YIQ	177.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

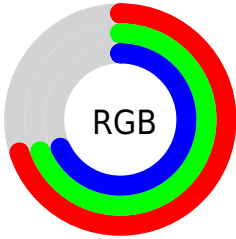
Format	Color
RYB	176, 179, 173
Decimal	11776429
CIELab	72.26, -0.05, 2.29
CIElCh	72, 2.292, 91.368
Yxy	44.0451, 0.3177, 0.3344
Android (android.graphics.Color)	4289966509 (0xFFB3B1AD)
YUV	177.1420, -2.0420, 1.6295
Hunter-Lab	66.3665, -3.5933, 5.5193

Details

The Yxy color **44.0451, 0.3177, 0.3344** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7621, 0.3078, 0.3235**, and the grayscale version is **44.0520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5414, 0.3172, 0.3342**, and **20.2314, 0.3185, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **41.1613, 0.3337, 0.3512**, and if you desaturate by 10%, it is **47.1226, 0.3033, 0.3185**.

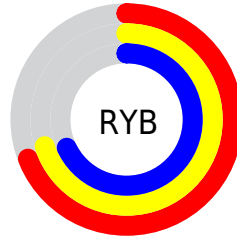
Distribution



Red (70%)

Green (69%)

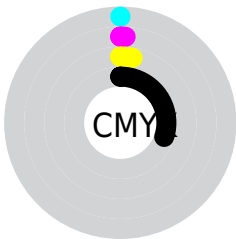
Blue (68%)



Red (69%)

Yellow (70%)

Blue (68%)

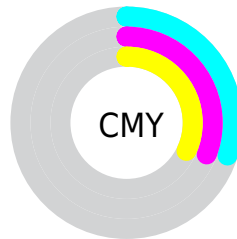


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0451, 0.3177, 0.3344 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 44.0451, 0.3177, 0.3344 by changing the saturation by 10% instead.

■ 44.0451, 0.3177,
0.3344

■ 44.0451, 0.3177,
0.3344

362.8923, 0.3152,
0.3317

■ 30.7060, 0.3183,
0.3351

■ 81.2856, 0.3168,
0.3334

■ 20.3751, 0.3192,
0.3360

105.9558, 0.3164,
0.3330

■ 12.6680, 0.3203,
0.3372

135.1717, 0.3161,
0.3327

■ 7.2003, 0.3218,
0.3389

169.3179, 0.3159,
0.3325

■ 3.5877, 0.3242,
0.3414

208.7786, 0.3157,
0.3322

■ 1.4457, 0.3283,
0.3458

253.9383, 0.3155,

■ 0.2500, 0.3949,

0.3320

0.4179

305.1814, 0.3153,
0.3318

0.0000, 0.0000,
0.0000

44.0451, 0.3177,
0.3344

44.0451, 0.3177,
0.3344

41.1613, 0.3337,
0.3512

47.1226, 0.3033,
0.3185

38.4605, 0.3512,
0.3686

50.3925, 0.2903,
0.3037

35.9395, 0.3701,
0.3863

53.8614, 0.2788,
0.2900

33.5929, 0.3901,
0.4035

57.5333, 0.2685,
0.2774

31.4150, 0.4107,
0.4194

60.9225, 0.2633,
0.2733

■ 29.3994, 0.4311,
0.4330

■ 63.7604, 0.2641,
0.2801

■ 27.5392, 0.4504,
0.4433

■ 66.7021, 0.2648,
0.2869

■ 25.8267, 0.4676,
0.4492

■ 69.7485, 0.2656,
0.2936

■ 24.2527, 0.4820,
0.4501

■ 72.9007, 0.2663,
0.3002

Harmonies

Analogous

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



44.0451, 0.3191, 0.3328



44.0451, 0.3177, 0.3344



44.0451, 0.3150, 0.3346

Triad

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



44.0451, 0.3177, 0.3344



44.0451, 0.3068, 0.3278



44.0451, 0.3137, 0.3249

Complementary

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



44.0451, 0.3177, 0.3344



42.7621, 0.3078, 0.3235

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.



44.0451, 0.3104, 0.3235



44.0451, 0.3177, 0.3344



44.0451, 0.3064, 0.3252

Square

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



44.0451, 0.3177, 0.3344



44.0451, 0.3087, 0.3308



44.0451, 0.3078, 0.3237



44.0451, 0.3167, 0.3273

Rectangle

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



44.0451, 0.3177, 0.3344



44.0451, 0.3128, 0.3338



44.0451, 0.3078, 0.3237



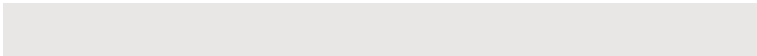
44.0451, 0.3126, 0.3243

Sweetspot

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



44.0470, 0.3177, 0.3344



80.1817, 0.3142, 0.3306



42.5535, 0.3164, 0.3264



17.7707, 0.3141, 0.3306



91.1408, 0.3127, 0.3290



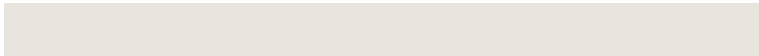
17.8868, 0.3127, 0.3290

Same Dimension

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



44.0470, 0.3177, 0.3344



78.5444, 0.3188, 0.3356



44.6968, 0.3167, 0.3370



9.7365, 0.3197, 0.3366



16.5747, 0.4893, 0.4497



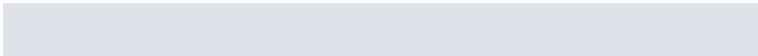
0.6218, 0.4655, 0.4686

Inverse Universe

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



42.7621, 0.3078, 0.3235



75.7481, 0.3066, 0.3223



42.1306, 0.3087, 0.3209



9.3394, 0.3057, 0.3213



4.5377, 0.1633, 0.1079



0.2514, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 44.0451, 0.3177, 0.3344 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 44.0451, 0.3177, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

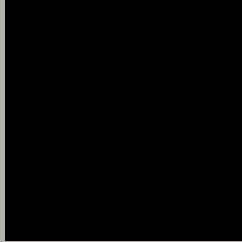
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

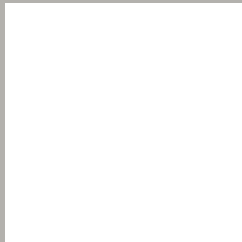
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0451, 0.3177, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 44.0451, 0.3177, 0.3344.



This preview shows how white text looks on a background with the Yxy color 44.0451, 0.3177, 0.3344.

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

44.0451, 0.3177, 0.3344

Protanopia

43.8916, 0.3196, 0.3330

Deuteranopia

43.7839, 0.3321, 0.3252



Tritanopia

44.1145, 0.3074, 0.3120

Trichromacy



Original Color

44.0451, 0.3177, 0.3344

Protanomaly

43.7711, 0.3187, 0.3330

Deuteranomaly

43.7619, 0.3263, 0.3277

Tritanomaly

44.1729, 0.3105, 0.3198

Monochromacy



Original Color

44.0451, 0.3177, 0.3344

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0438, 0.3144, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0451, 0.3177, 0.3344 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(179, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 177, 173)  
}
```

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(179, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 177, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.0451, 0.3177, 0.3344 is called "border". The border property can be set on classes, ids or directly on the HTML element.

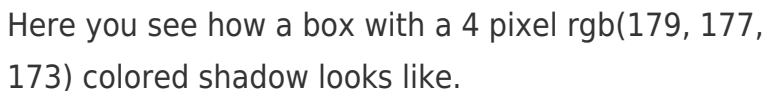
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 177, 173) }
```

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

```
.border{ border-color:rgb(179, 177, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 177, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 177, 173); box-shadow:4px 4px 4px 4px rgb(179, 177, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0451, 0.3177, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 177, 173) }
```

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

```
.background{ background-color: rgb(179,  
177, 173) }
```

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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