

Converting Colors

$Yxy(43.5676, 0.3178, 0.3365)$

Have a look what the booklet for
Yxy(43.5676, 0.3178, 0.3365)
contains.

Yxy(43.7317, 0.3176, 0.3371)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7317, 0.3176, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	B1B1AB
RGB	177, 177, 171
RGB Percent	69%, 69%, 67%
CMY	0.3059, 0.3058, 0.3294
CMYK	0.00, 0.00, 0.03, 0.31
HSL	60°, 4%, 68%
HSV	60°, 3%, 69%
XYZ	41.2020, 43.7317, 44.7955
YIQ	176.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

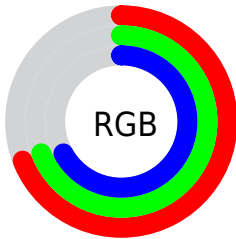
Format	Color
RYB	171, 177, 171
Decimal	11645355
CIELab	72.05, -1.11, 3.06
CIElCh	72, 3.254, 109.946
Yxy	43.7317, 0.3176, 0.3371
Android (android.graphics.Color)	4289835435 (0xFFB1B1AB)
YUV	176.3160, -2.6208, 0.5999
Hunter-Lab	66.1299, -4.5137, 6.1288

Details

The Yxy color **43.7317, 0.3176, 0.3371** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9592, 0.3078, 0.3208**, and the grayscale version is **43.6028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0925, 0.3171, 0.3363**, and **20.0323, 0.3184, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **43.0965, 0.3323, 0.3615**, and if you desaturate by 10%, it is **44.4611, 0.3034, 0.3136**.

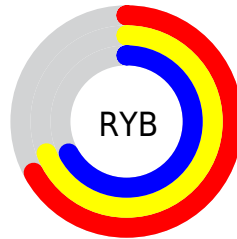
Distribution



Red (69%)

Green (69%)

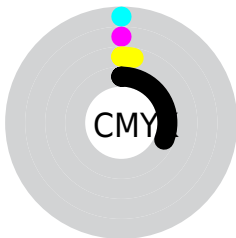
Blue (67%)



Red (67%)

Yellow (69%)

Blue (67%)

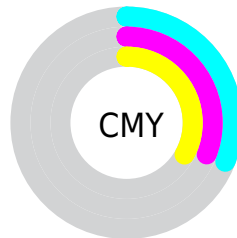


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7317, 0.3176, 0.3371 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 43.7317, 0.3176, 0.3371 by changing the saturation by 10% instead.

■ 43.7317, 0.3176,
0.3371

■ 43.7317, 0.3176,
0.3371

361.6123, 0.3151,
0.3330

■ 30.4596, 0.3182,
0.3381

■ 80.8139, 0.3167,
0.3356

■ 20.1877, 0.3190,
0.3395

105.3928, 0.3164,
0.3350

■ 12.5316, 0.3201,
0.3413

134.5094, 0.3161,
0.3346

■ 7.1068, 0.3216,
0.3439

168.5481, 0.3158,
0.3342

■ 3.5290, 0.3240,
0.3479

207.8934, 0.3156,
0.3338

■ 1.4137, 0.3279,
0.3547

252.9296, 0.3154,

■ 0.2268, 0.4203,

0.3335

0.5058

304.0411, 0.3153,
0.3332

0.0000, 0.0000,
0.0000

43.7317, 0.3176,
0.3371

43.7317, 0.3176,
0.3371

43.0965, 0.3323,
0.3615

44.4611, 0.3034,
0.3136

42.5463, 0.3473,
0.3863

45.2823, 0.2901,
0.2915

42.0791, 0.3620,
0.4108

46.2006, 0.2776,
0.2709

41.6908, 0.3760,
0.4340

47.2188, 0.2662,
0.2519

41.3770, 0.3886,
0.4551

48.0466, 0.2583,
0.2389

■ 41.1329, 0.3994,
0.4731

■ 48.0532, 0.2584,
0.2389

■ 40.9531, 0.4079,
0.4874

■ 48.0599, 0.2584,
0.2389

■ 40.8311, 0.4139,
0.4974

■ 48.0665, 0.2585,
0.2389

■ 40.7597, 0.4174,
0.5033

■ 48.0732, 0.2585,
0.2389

Harmonies

Analogous

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



43.7317, 0.3208, 0.3360



43.7317, 0.3176, 0.3371



43.7317, 0.3131, 0.3360

Triad

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



43.7317, 0.3176, 0.3371



43.7317, 0.3037, 0.3249



43.7317, 0.3169, 0.3251

Complementary

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



43.7317, 0.3176, 0.3371



40.9592, 0.3078, 0.3208

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.



43.7317, 0.3123, 0.3222



43.7317, 0.3176, 0.3371



43.7317, 0.3047, 0.3220

Square

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



43.7317, 0.3176, 0.3371



43.7317, 0.3051, 0.3289



43.7317, 0.3078, 0.3210



43.7317, 0.3204, 0.3291

Rectangle

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



43.7317, 0.3176, 0.3371



43.7317, 0.3100, 0.3341



43.7317, 0.3078, 0.3210



43.7317, 0.3154, 0.3240

Sweetspot

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



43.7336, 0.3176, 0.3371



78.6123, 0.3142, 0.3314



41.4130, 0.3182, 0.3290



17.0381, 0.3141, 0.3313



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



43.7336, 0.3176, 0.3371



78.2356, 0.3186, 0.3387



43.3867, 0.3150, 0.3372



9.9745, 0.3194, 0.3402



29.5074, 0.4188, 0.5057



0.9289, 0.4189, 0.5056

Inverse Universe

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



40.9592, 0.3078, 0.3208



72.3099, 0.3067, 0.3191



41.2984, 0.3104, 0.3208



9.1111, 0.3058, 0.3176



2.3031, 0.1501, 0.0601



0.0729, 0.1507, 0.0604

Previews

White Background



This preview shows how the Yxy color 43.7317, 0.3176, 0.3371 looks on a white background.

Color Contrast Check

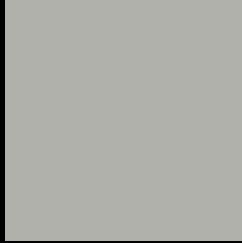
Large Text (above 18pt) WCAG AA × Fail

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 43.7317, 0.3176, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

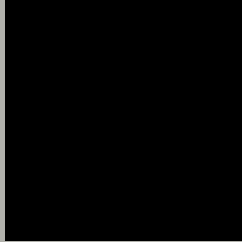
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

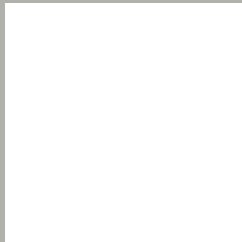
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7317, 0.3176, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 43.7317, 0.3176, 0.3371.



This preview shows how white text looks on a background with the Yxy color 43.7317, 0.3176, 0.3371.

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

43.7317, 0.3176, 0.3371

Protanopia

43.7767, 0.3221, 0.3370

Deuteranopia

43.7065, 0.3338, 0.3278



Tritanopia

43.6062, 0.3066, 0.3107

Trichromacy



Original Color

43.7317, 0.3176, 0.3371

Protanomaly

43.6562, 0.3212, 0.3371

Deuteranomaly

43.5571, 0.3271, 0.3304

Tritanomaly

43.6210, 0.3105, 0.3197

Monochromacy



Original Color

43.7317, 0.3176, 0.3371

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3368, 0.3143, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7317, 0.3176, 0.3371 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(177, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 171)  
}
```

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(177, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.7317, 0.3176, 0.3371 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(177, 177, 171) }
```

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

```
.border{ border-color:rgb(177, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7317, 0.3176, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 171) }
```

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

```
.background{ background-color: rgb(177,  
177, 171) }
```

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