

Converting Colors

$Y_{xy}(44.5043, 0.3173, 0.3328)$

Have a look what the booklet for
Yxy(44.5043, 0.3173, 0.3328)
contains.

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Color

Yxy(44.6392, 0.3169, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	B4B2AF
RGB	180, 178, 175
RGB Percent	71%, 70%, 69%
CMY	0.2941, 0.3019, 0.3137
CMYK	0.00, 0.01, 0.03, 0.29
HSL	36°, 3%, 70%
HSV	36°, 3%, 71%
XYZ	42.4810, 44.6392, 46.9315
YIQ	178.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

Format	Color
RYB	178, 180, 175
Decimal	11842223
CIELab	72.65, 0.16, 1.77
CIELCh	73, 1.781, 84.902
Yxy	44.6392, 0.3169, 0.3330
Android (android.graphics.Color)	4290032303 (0xFFB4B2AF)
YUV	178.2560, -1.6052, 1.5295
Hunter-Lab	66.8126, -3.4276, 5.1214

Details

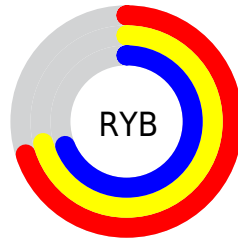
The Yxy color **44.6392, 0.3169, 0.3330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8522, 0.3086, 0.3250**, and the grayscale version is **44.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3917, 0.3166, 0.3331**, and **20.6093, 0.3174, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **41.1923, 0.3331, 0.3479**, and if you desaturate by 10%, it is **48.3344, 0.3025, 0.3190**.

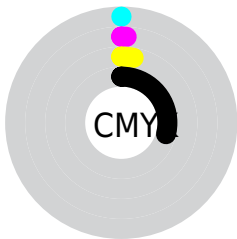
Distribution



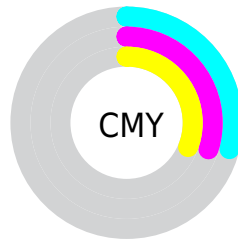
- Red (71%)
- Green (70%)
- Blue (69%)



- Red (70%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6392, 0.3169, 0.3330 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 44.6392, 0.3169, 0.3330 by changing the saturation by 10% instead.

■ 44.6392, 0.3169,
0.3330

■ 44.6392, 0.3169,
0.3330

365.3103, 0.3148,
0.3310

■ 31.1733, 0.3174,
0.3335

■ 82.1787, 0.3161,
0.3323

■ 20.7309, 0.3181,
0.3342

107.0212, 0.3158,
0.3320

■ 12.9274, 0.3190,
0.3350

136.4246, 0.3156,
0.3318

■ 7.3786, 0.3203,
0.3363

170.7734, 0.3154,
0.3316

■ 3.7000, 0.3223,
0.3381

210.4520, 0.3152,
0.3314

■ 1.5072, 0.3257,
0.3413

255.8448, 0.3151,

■ 0.2938, 0.3664,

0.3312

0.3802

307.3361, 0.3149,
0.3311

0.0000, 0.0000,
0.0000

44.6392, 0.3169,
0.3330

44.6392, 0.3169,
0.3330

41.1923, 0.3331,
0.3479

48.3344, 0.3025,
0.3190

37.9819, 0.3511,
0.3635

52.2778, 0.2897,
0.3059

35.0037, 0.3710,
0.3793

56.4768, 0.2785,
0.2938

32.2510, 0.3925,
0.3949

60.9367, 0.2685,
0.2828

29.7168, 0.4152,
0.4093

65.0019, 0.2650,
0.2828

■ 27.3935, 0.4384,
0.4216

■ 68.7231, 0.2659,
0.2911

■ 25.2730, 0.4610,
0.4307

■ 72.6071, 0.2668,
0.2994

■ 23.3461, 0.4819,
0.4353

■ 76.6559, 0.2677,
0.3075

■ 21.6023, 0.4999,
0.4349

■ 80.8715, 0.2686,
0.3155

Harmonies

Analogous

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



44.6392, 0.3177, 0.3316



44.6392, 0.3169, 0.3330



44.6392, 0.3150, 0.3334

Triad

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



44.6392, 0.3169, 0.3330



44.6392, 0.3084, 0.3286



44.6392, 0.3129, 0.3255

Complementary

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



44.6392, 0.3169, 0.3330



43.8522, 0.3086, 0.3250

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.



44.6392, 0.3104, 0.3247



44.6392, 0.3169, 0.3330



44.6392, 0.3078, 0.3265

Square

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



44.6392, 0.3169, 0.3330



44.6392, 0.3101, 0.3308



44.6392, 0.3086, 0.3250



44.6392, 0.3154, 0.3272

Rectangle

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



44.6392, 0.3169, 0.3330



44.6392, 0.3134, 0.3330



44.6392, 0.3086, 0.3250



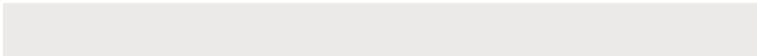
44.6392, 0.3121, 0.3251

Sweetspot

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



44.6411, 0.3169, 0.3330



82.0884, 0.3142, 0.3305



43.5363, 0.3155, 0.3263



17.7499, 0.3141, 0.3304



91.1408, 0.3127, 0.3290



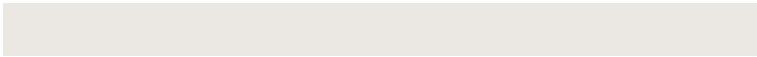
17.8868, 0.3127, 0.3290

Same Dimension

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



44.6411, 0.3169, 0.3330



80.7650, 0.3173, 0.3334



45.3838, 0.3163, 0.3356



9.7535, 0.3183, 0.3344



14.4022, 0.5100, 0.4333



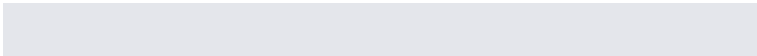
0.5636, 0.4786, 0.4582

Inverse Universe

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



43.8522, 0.3086, 0.3250



79.1998, 0.3082, 0.3246



43.1250, 0.3091, 0.3223



9.5224, 0.3071, 0.3236



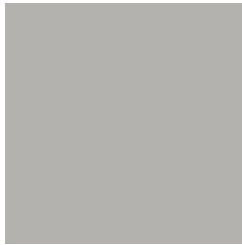
5.6525, 0.1691, 0.1287



0.2936, 0.1851, 0.1864

Previews

White Background



This preview shows how the Yxy color 44.6392, 0.3169, 0.3330 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 44.6392, 0.3169, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

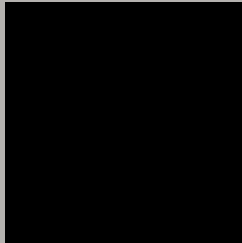
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6392, 0.3169, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 44.6392, 0.3169, 0.3330.



This preview shows how white text looks on a background with the Yxy color 44.6392, 0.3169, 0.3330.

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

44.6392, 0.3169, 0.3330

Protanopia

44.4845, 0.3187, 0.3317

Deuteranopia

44.3754, 0.3311, 0.3240



Tritanopia

44.7135, 0.3067, 0.3108

Trichromacy



Original Color

44.6392, 0.3169, 0.3330

Protanomaly

44.3632, 0.3179, 0.3317

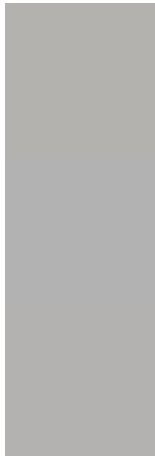
Deuteranomaly

44.3538, 0.3254, 0.3265

Tritanomaly

44.7708, 0.3097, 0.3185

Monochromacy



Original Color

44.6392, 0.3169, 0.3330

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5988, 0.3144, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6392, 0.3169, 0.3330 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, 178, 175)` looks like.

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

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, 178, 175) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 44.6392, 0.3169, 0.3330 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, 178, 175) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to Yxy 44.6392, 0.3169, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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