

Converting Colors

$Yxy(43.8534, 0.3095, 0.3237)$

Have a look what the booklet for
Yxy(43.8534, 0.3095, 0.3237)
contains.

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Color

Yxy(43.9697, 0.3094, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	B0B1B4
RGB	176, 177, 180
RGB Percent	69%, 69%, 71%
CMY	0.3099, 0.3058, 0.2941
CMYK	0.02, 0.02, 0.00, 0.29
HSL	224°, 3%, 70%
HSV	224°, 2%, 71%
XYZ	41.8592, 43.9697, 49.4625
YIQ	177.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

Format	Color
RYB	176, 177, 180
Decimal	11579828
CIELab	72.21, 0.20, -1.66
CIELCh	72, 1.675, 276.993
Yxy	43.9697, 0.3094, 0.3250
Android (android.graphics.Color)	4289769908 (0xFFB0B1B4)
YUV	177.0430, 1.4578, -0.9147
Hunter-Lab	66.3097, -3.3606, 2.1904

Details

The Yxy color **43.9697, 0.3094, 0.3250** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0595, 0.3160, 0.3330**, and the grayscale version is **43.9816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4898, 0.3102, 0.3259**, and **20.2327, 0.3094, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **37.0006, 0.2938, 0.3058**, and if you desaturate by 10%, it is **51.7349, 0.3237, 0.3420**.

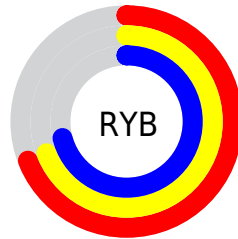
Distribution



Red (69%)

Green (69%)

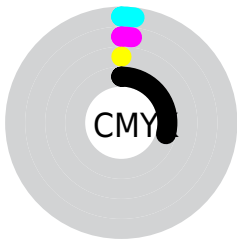
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

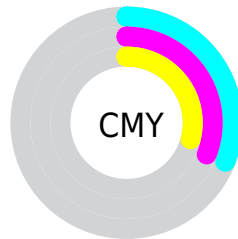


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9697, 0.3094, 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 43.9697, 0.3094, 0.3250 by changing the saturation by 10% instead.

■ 43.9697, 0.3094,
0.3250

■ 43.9697, 0.3094,
0.3250

362.5846, 0.3111,
0.3270

■ 30.6467, 0.3090,
0.3245

■ 81.1721, 0.3100,
0.3257

■ 20.3300, 0.3084,
0.3238

105.8204, 0.3102,
0.3260

■ 12.6351, 0.3077,
0.3229

135.0125, 0.3104,
0.3263

■ 7.1778, 0.3066,
0.3217

169.1328, 0.3106,
0.3265

■ 3.5735, 0.3051,
0.3198

208.5658, 0.3107,
0.3266

■ 1.4380, 0.3023,
0.3165

253.6958, 0.3109,

■ 0.2445, 0.2746,

0.3268

0.2829

304.9073, 0.3110,
0.3269

0.0000, 0.0000,
0.0000

43.9697, 0.3094,
0.3250

43.9697, 0.3094,
0.3250

37.0006, 0.2938,
0.3058

51.7349, 0.3237,
0.3420

30.7965, 0.2770,
0.2842

60.3148, 0.3366,
0.3568

25.3322, 0.2591,
0.2604

69.7347, 0.3482,
0.3698

20.5793, 0.2407,
0.2346

80.0169, 0.3587,
0.3810

16.5072, 0.2221,
0.2073

89.0429, 0.3603,
0.3926

■ 13.0834, 0.2044,
0.1795

■ 96.0755, 0.3573,
0.4028

■ 10.2719, 0.1883,
0.1522

■ 8.0333, 0.1747,
0.1270

■ 6.3228, 0.1645,
0.1052

Harmonies

Analogous

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



43.9697, 0.3082, 0.3260



43.9697, 0.3094, 0.3250



43.9697, 0.3115, 0.3251

Triad

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



43.9697, 0.3094, 0.3250



43.9697, 0.3172, 0.3303



43.9697, 0.3116, 0.3318

Complementary

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



43.9697, 0.3094, 0.3250



45.0595, 0.3160, 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.



43.9697, 0.3140, 0.3330



43.9697, 0.3094, 0.3250



43.9697, 0.3173, 0.3321

Square

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



43.9697, 0.3094, 0.3250



43.9697, 0.3160, 0.3281



43.9697, 0.3161, 0.3331



43.9697, 0.3095, 0.3299

Rectangle

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



43.9697, 0.3094, 0.3250



43.9697, 0.3131, 0.3258



43.9697, 0.3161, 0.3331



43.9697, 0.3124, 0.3323

Sweetspot

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



43.9716, 0.3094, 0.3250



81.3738, 0.3112, 0.3272



45.1222, 0.3101, 0.3304



17.6037, 0.3113, 0.3273



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.



43.9716, 0.3094, 0.3250



78.6520, 0.3082, 0.3235



43.6690, 0.3103, 0.3236



9.4417, 0.3072, 0.3223



3.7995, 0.1592, 0.0931



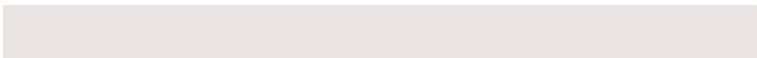
0.2161, 0.1749, 0.1495

Inverse Universe

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



43.9159, 0.3154, 0.3276



78.5192, 0.3164, 0.3271



45.3687, 0.3151, 0.3344



9.4225, 0.3173, 0.3267



6.9237, 0.5864, 0.3004



0.2276, 0.5066, 0.2564

Previews

White Background



This preview shows how the Yxy color 43.9697, 0.3094, 0.3250 looks on a white background.

Color Contrast Check

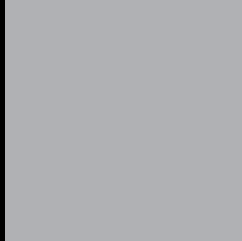
Large Text (above 18pt) WCAG AA × Fail

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 43.9697, 0.3094, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

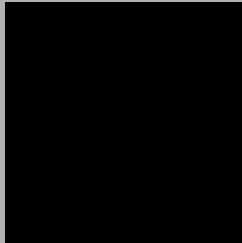
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

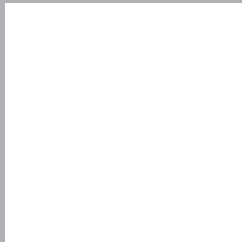
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9697, 0.3094, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 43.9697, 0.3094, 0.3250.

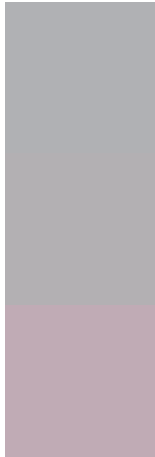


This preview shows how white text looks on a background with the Yxy color 43.9697, 0.3094, 0.3250.

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

43.9697, 0.3094, 0.3250

Protanopia

43.8890, 0.3129, 0.3250

Deuteranopia

43.6685, 0.3233, 0.3162



Tritanopia

44.0719, 0.3032, 0.3119

Trichromacy



Original Color

43.9697, 0.3094, 0.3250

Protanomaly

43.7703, 0.3120, 0.3250

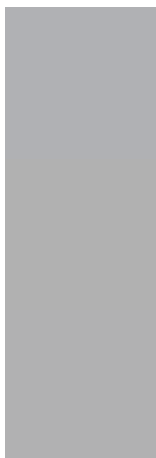
Deuteranomaly

43.6624, 0.3177, 0.3186

Tritanomaly

43.9430, 0.3056, 0.3158

Monochromacy



Original Color

43.9697, 0.3094, 0.3250

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0057, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9697, 0.3094, 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(176, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(176, 177, 180)  
}
```

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(176, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 177, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.9697, 0.3094, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

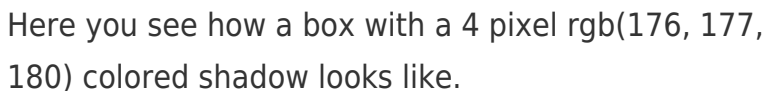
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 177, 180) }
```

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

```
.border{ border-color:rgb(176, 177, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 177, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 177, 180); box-shadow:4px 4px 4px 4px rgb(176, 177, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9697, 0.3094, 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(176, 177, 180) }
```

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

```
.background{ background-color: rgb(176,  
177, 180) }
```

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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