

Converting Colors

$Yxy(44.0164, 0.3141, 0.3236)$

Have a look what the booklet for
Yxy(44.0164, 0.3141, 0.3236)
contains.

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Color

Yxy(44.1697, 0.3138, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	B5B0B4
RGB	181, 176, 180
RGB Percent	71%, 69%, 71%
CMY	0.2903, 0.3098, 0.2940
CMYK	0.00, 0.03, 0.01, 0.29
HSL	311°, 3%, 70%
HSV	311°, 3%, 71%
XYZ	42.8188, 44.1697, 49.4641
YIQ	177.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

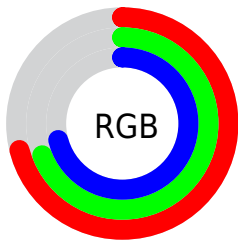
Format	Color
RYB	181, 176, 180
Decimal	11907252
CIELab	72.34, 2.51, -1.43
CIELCh	72, 2.894, 330.302
Yxy	44.1697, 0.3138, 0.3237
Android (android.graphics.Color)	4290097332 (0xFFB5B0B4)
YUV	177.9510, 1.0102, 2.6740
Hunter-Lab	66.4603, -1.3021, 2.3947

Details

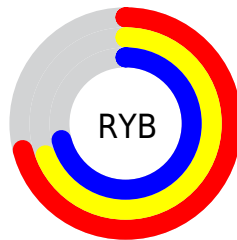
The Yxy color **44.1697, 0.3138, 0.3237** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.4446, 0.3117, 0.3344**, and the grayscale version is **44.4880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7739, 0.3136, 0.3249**, and **20.5368, 0.3142, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **37.4011, 0.3181, 0.3039**, and if you desaturate by 10%, it is **51.8918, 0.3101, 0.3426**.

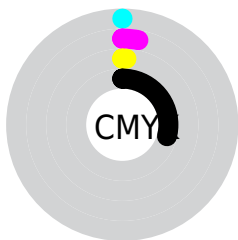
Distribution



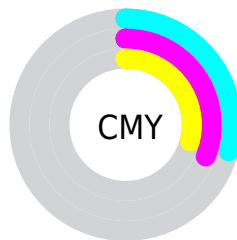
- Red (71%)
- Green (69%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1697, 0.3138, 0.3237 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 44.1697, 0.3138, 0.3237 by changing the saturation by 10% instead.

■ 44.1697, 0.3138,
0.3237

■ 44.1697, 0.3138,
0.3237

363.4003, 0.3133,
0.3264

■ 30.8039, 0.3139,
0.3230

■ 81.4730, 0.3136,
0.3247

■ 20.4496, 0.3141,
0.3222

106.1794, 0.3135,
0.3250

■ 12.7223, 0.3143,
0.3210

135.4348, 0.3135,
0.3253

■ 7.2376, 0.3147,
0.3194

169.6235, 0.3134,
0.3256

■ 3.6111, 0.3151,
0.3169

209.1301, 0.3134,
0.3258

■ 1.4585, 0.3159,
0.3127

254.3388, 0.3133,

■ 0.2592, 0.3241,

0.3260

0.2730

305.6341, 0.3133,
0.3262

0.0000, 0.0000,
0.0000

44.1697, 0.3138,
0.3237

44.1697, 0.3138,
0.3237

37.4011, 0.3181,
0.3039

51.8918, 0.3101,
0.3426

31.5433, 0.3231,
0.2835

60.5969, 0.3069,
0.3603

26.5583, 0.3288,
0.2630

70.3202, 0.3042,
0.3768

22.4037, 0.3350,
0.2432

81.0935, 0.3019,
0.3919

19.0334, 0.3418,
0.2249

85.3899, 0.3000,
0.3945

■ 16.3967, 0.3491,
0.2092

■ 85.5511, 0.2982,
0.3904

■ 14.4371, 0.3565,
0.1969

■ 85.7161, 0.2963,
0.3863

■ 13.0896, 0.3639,
0.1887

■ 85.8847, 0.2945,
0.3823

■ 12.2768, 0.3711,
0.1851

■ 86.0570, 0.2927,
0.3782

Harmonies

Analogous

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



44.1697, 0.3097, 0.3221



44.1697, 0.3138, 0.3237



44.1697, 0.3177, 0.3267

Triad

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



44.1697, 0.3138, 0.3237



44.1697, 0.3191, 0.3358



44.1697, 0.3053, 0.3276

Complementary

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



44.1697, 0.3138, 0.3237



45.4446, 0.3117, 0.3344

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.



44.1697, 0.3078, 0.3313



44.1697, 0.3138, 0.3237



44.1697, 0.3157, 0.3361

Square

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



44.1697, 0.3138, 0.3237



44.1697, 0.3207, 0.3337



44.1697, 0.3116, 0.3344



44.1697, 0.3048, 0.3243

Rectangle

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



44.1697, 0.3138, 0.3237



44.1697, 0.3196, 0.3291



44.1697, 0.3116, 0.3344



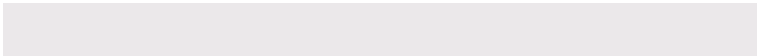
44.1697, 0.3059, 0.3289

Sweetspot

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



44.1716, 0.3138, 0.3237



81.3997, 0.3131, 0.3271



43.7265, 0.3095, 0.3224



17.6089, 0.3131, 0.3272



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.



44.1716, 0.3138, 0.3237



78.7378, 0.3139, 0.3231



44.0727, 0.3158, 0.3269



9.4548, 0.3142, 0.3218



8.2195, 0.3753, 0.1841



0.2658, 0.3576, 0.1744

Inverse Universe

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



44.1716, 0.3138, 0.3237



78.7378, 0.3139, 0.3231



45.5431, 0.3097, 0.3311



9.4548, 0.3142, 0.3218



8.2195, 0.3753, 0.1841



0.2658, 0.3576, 0.1744

Previews

White Background



This preview shows how the Yxy color 44.1697, 0.3138, 0.3237 looks on a white background.

Color Contrast Check

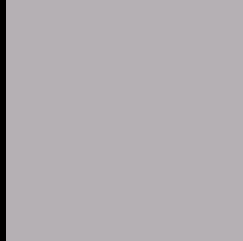
Large Text (above 18pt) WCAG AA × Fail

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 44.1697, 0.3138, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

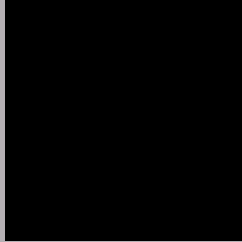
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

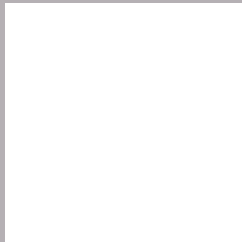
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1697, 0.3138, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 44.1697, 0.3138, 0.3237.



This preview shows how white text looks on a background with the Yxy color 44.1697, 0.3138, 0.3237.

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

44.1697, 0.3138, 0.3237

Protanopia

44.0493, 0.3130, 0.3237

Deuteranopia

44.1787, 0.3240, 0.3175



Tritanopia

44.2359, 0.3083, 0.3121

Trichromacy



Original Color

44.1697, 0.3138, 0.3237

Protanomaly

44.0493, 0.3130, 0.3237

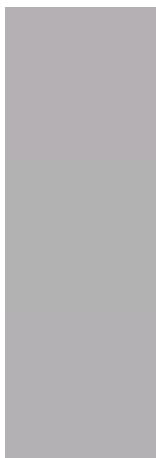
Deuteranomaly

44.0422, 0.3203, 0.3187

Tritanomaly

44.1078, 0.3107, 0.3159

Monochromacy



Original Color

44.1697, 0.3138, 0.3237

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2827, 0.3128, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1697, 0.3138, 0.3237 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, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 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(181, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.1697, 0.3138, 0.3237 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, 176, 180) }
```

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

```
.border{ border-color:rgb(181, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1697, 0.3138, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 180) }
```

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

```
.background{ background-color: rgb(181,  
176, 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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