

Converting Colors

$Y_{xy}(44.4203, 0.3138, 0.3218)$

Have a look what the booklet for
Yxy(44.4203, 0.3138, 0.3218)
contains.

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Color

Yxy(44.3732, 0.3131, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	B6B0B6
RGB	182, 176, 182
RGB Percent	71%, 69%, 71%
CMY	0.2861, 0.3098, 0.2862
CMYK	0.00, 0.03, 0.00, 0.29
HSL	300°, 4%, 70%
HSV	300°, 3%, 71%
XYZ	43.2677, 44.3732, 50.5503
YIQ	178.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

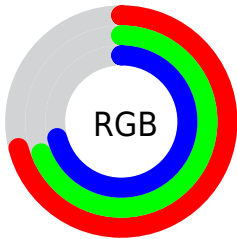
Format	Color
RYB	182, 176, 182
Decimal	11972790
CIELab	72.48, 3.26, -2.32
CIElCh	72, 4.003, 324.628
Yxy	44.3732, 0.3131, 0.3211
Android (android.graphics.Color)	4290162870 (0xFFB6B0B6)
YUV	178.4780, 1.7363, 3.0888
Hunter-Lab	66.6132, -0.6310, 1.6362

Details

The Yxy color **44.3732, 0.3131, 0.3211** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8342, 0.3123, 0.3370**, and the grayscale version is **44.7809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0634, 0.3130, 0.3229**, and **20.6674, 0.3131, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **37.7073, 0.3143, 0.2968**, and if you desaturate by 10%, it is **52.0001, 0.3120, 0.3445**.

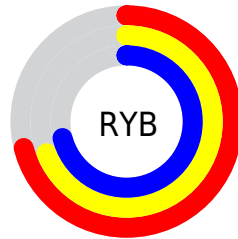
Distribution



Red (71%)

Green (69%)

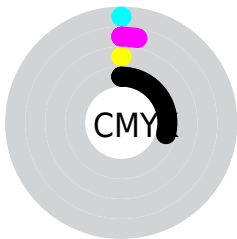
Blue (71%)



Red (71%)

Yellow (69%)

Blue (71%)

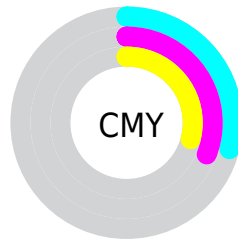


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3732, 0.3131, 0.3211 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 44.3732, 0.3131, 0.3211 by changing the saturation by 10% instead.

■ 44.3732, 0.3131,
0.3211

■ 44.3732, 0.3131,
0.3211

364.2290, 0.3129,
0.3251

■ 30.9640, 0.3131,
0.3201

■ 81.7790, 0.3130,
0.3225

■ 20.5714, 0.3132,
0.3188

106.5444, 0.3130,
0.3231

■ 12.8111, 0.3133,
0.3171

135.8641, 0.3130,
0.3235

■ 7.2986, 0.3133,
0.3147

170.1223, 0.3130,
0.3239

■ 3.6495, 0.3135,
0.3111

209.7035, 0.3130,
0.3243

■ 1.4795, 0.3136,
0.3050

254.9921, 0.3129,

■ 0.2742, 0.3165,

0.3246

0.2551

306.3725, 0.3129,
0.3248

0.0000, 0.0000,
0.0000

44.3732, 0.3131,
0.3211

44.3732, 0.3131,
0.3211

37.7073, 0.3143,
0.2968

52.0001, 0.3120,
0.3445

31.9589, 0.3155,
0.2721

60.6181, 0.3109,
0.3667

27.0895, 0.3167,
0.2478

70.2628, 0.3099,
0.3873

23.0559, 0.3178,
0.2248

80.9667, 0.3090,
0.4063

19.8111, 0.3189,
0.2040

84.8570, 0.3087,
0.4123

■ 17.3033, 0.3198,
0.1862

■ 84.8589, 0.3087,
0.4123

■ 15.4749, 0.3205,
0.1723

■ 84.8608, 0.3086,
0.4122

■ 14.2595, 0.3211,
0.1625

■ 84.8627, 0.3086,
0.4121

■ 13.5773, 0.3214,
0.1568

■ 84.8647, 0.3086,
0.4121

Harmonies

Analogous

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



44.3732, 0.3075, 0.3193



44.3732, 0.3131, 0.3211



44.3732, 0.3186, 0.3249

Triad

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



44.3732, 0.3131, 0.3211



44.3732, 0.3222, 0.3380



44.3732, 0.3029, 0.3280

Complementary

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



44.3732, 0.3131, 0.3211



45.8342, 0.3123, 0.3370

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.



44.3732, 0.3068, 0.3331



44.3732, 0.3131, 0.3211



44.3732, 0.3179, 0.3389

Square

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



44.3732, 0.3131, 0.3211



44.3732, 0.3239, 0.3346



44.3732, 0.3123, 0.3371



44.3732, 0.3017, 0.3233

Rectangle

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



44.3732, 0.3131, 0.3211



44.3732, 0.3215, 0.3282



44.3732, 0.3123, 0.3371



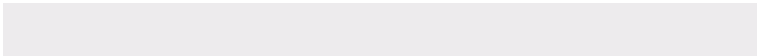
44.3732, 0.3040, 0.3298

Sweetspot

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



44.3751, 0.3131, 0.3211



83.4431, 0.3128, 0.3266



43.6556, 0.3078, 0.3209



18.4456, 0.3128, 0.3267



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.3751, 0.3131, 0.3211



79.4543, 0.3132, 0.3193



44.2521, 0.3156, 0.3250



9.8845, 0.3133, 0.3179



9.3950, 0.3215, 0.1545



0.3313, 0.3214, 0.1544

Inverse Universe

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



44.3751, 0.3131, 0.3211



79.4543, 0.3132, 0.3193



45.9546, 0.3100, 0.3330



9.8845, 0.3133, 0.3179



9.3950, 0.3215, 0.1545



0.3313, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 44.3732, 0.3131, 0.3211 looks on a white background.

Color Contrast Check

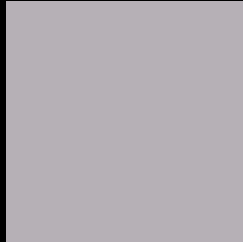
Large Text (above 18pt) WCAG AA × Fail

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 44.3732, 0.3131, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

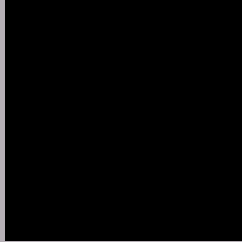
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

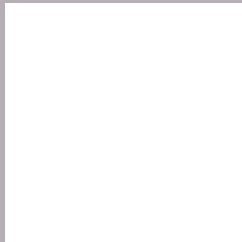
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3732, 0.3131, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 44.3732, 0.3131, 0.3211.



This preview shows how white text looks on a background with the Yxy color 44.3732, 0.3131, 0.3211.

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

44.3732, 0.3131, 0.3211

Protanopia

44.4054, 0.3104, 0.3224

Deuteranopia

44.2614, 0.3223, 0.3150



Tritanopia

44.4013, 0.3083, 0.3109

Trichromacy



Original Color

44.3732, 0.3131, 0.3211

Protanomaly

44.5250, 0.3113, 0.3224

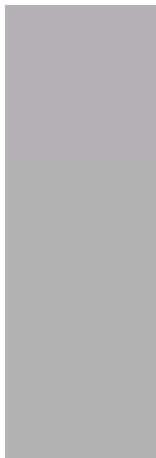
Deuteranomaly

44.1249, 0.3187, 0.3161

Tritanomaly

44.2724, 0.3108, 0.3147

Monochromacy



Original Color

44.3732, 0.3131, 0.3211

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 44.3732, 0.3131, 0.3211 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(182, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 182)  
}
```

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(182, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.3732, 0.3131, 0.3211 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(182, 176, 182) }
```

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

```
.border{ border-color:rgb(182, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 176, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 176, 182); box-shadow:4px 4px 4px 4px rgb(182, 176, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3732, 0.3131, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 182) }
```

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

```
.background{ background-color: rgb(182,  
176, 182) }
```

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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