

Converting Colors

$Y_{xy}(44.3732, 0.3146, 0.3240)$

Have a look what the booklet for
Yxy(44.3732, 0.3146, 0.3240)
contains.

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Color

Yxy(44.2910, 0.3147, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	B6B0B4
RGB	182, 176, 180
RGB Percent	71%, 69%, 71%
CMY	0.2864, 0.3097, 0.2942
CMYK	0.00, 0.03, 0.01, 0.29
HSL	320°, 4%, 70%
HSV	320°, 3%, 71%
XYZ	43.0463, 44.2910, 49.4478
YIQ	178.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

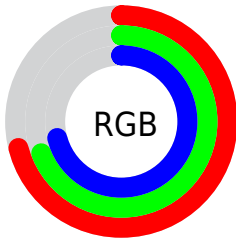
Format	Color
RYB	182, 176, 180
Decimal	11972788
CIELab	72.42, 2.84, -1.28
CIELCh	72, 3.116, 335.802
Yxy	44.2910, 0.3147, 0.3238
Android (android.graphics.Color)	4290162868 (0xFFB6B0B4)
YUV	178.2500, 0.8628, 3.2887
Hunter-Lab	66.5515, -1.0093, 2.5335

Details

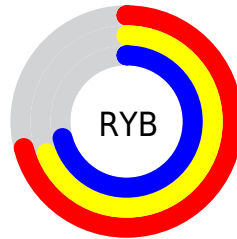
The Yxy color **44.2910, 0.3147, 0.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8873, 0.3108, 0.3343**, and the grayscale version is **44.6523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9465, 0.3143, 0.3249**, and **20.6147, 0.3154, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **37.3859, 0.3215, 0.3073**, and if you desaturate by 10%, it is **52.1673, 0.3090, 0.3394**.

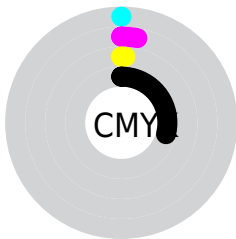
Distribution



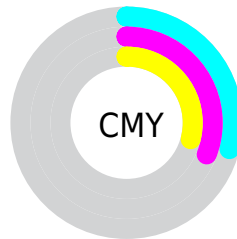
- Red (71%)
- Green (69%)
- Blue (71%)



- 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 44.2910, 0.3147, 0.3238 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 44.2910, 0.3147, 0.3238 by changing the saturation by 10% instead.

■ 44.2910, 0.3147,
0.3238

■ 44.2910, 0.3147,
0.3238

363.8944, 0.3137,
0.3264

■ 30.8993, 0.3149,
0.3231

■ 81.6554, 0.3143,
0.3248

■ 20.5222, 0.3153,
0.3223

106.3970, 0.3142,
0.3251

■ 12.7752, 0.3157,
0.3212

135.6907, 0.3141,
0.3254

■ 7.2739, 0.3163,
0.3195

169.9209, 0.3140,
0.3257

■ 3.6340, 0.3172,
0.3171

209.4720, 0.3139,
0.3259

■ 1.4710, 0.3187,
0.3130

254.7283, 0.3138,

■ 0.2682, 0.3330,

0.3261

0.2754

306.0743, 0.3138,
0.3263

0.0000, 0.0000,
0.0000

44.2910, 0.3147,
0.3238

44.2910, 0.3147,
0.3238

37.3859, 0.3215,
0.3073

52.1673, 0.3090,
0.3394

31.4083, 0.3295,
0.2903

61.0448, 0.3042,
0.3540

26.3198, 0.3389,
0.2730

70.9595, 0.3002,
0.3674

22.0769, 0.3496,
0.2561

81.9437, 0.2968,
0.3799

18.6326, 0.3616,
0.2406

86.1314, 0.2937,
0.3792

■ 15.9351, 0.3749,
0.2273

■ 86.4407, 0.2905,
0.3721

■ 13.9266, 0.3890,
0.2174

■ 86.7617, 0.2874,
0.3651

■ 12.5408, 0.4035,
0.2119

■ 87.0944, 0.2842,
0.3581

■ 11.6979, 0.4178,
0.2112

■ 87.4389, 0.2811,
0.3512

Harmonies

Analogous

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



44.2910, 0.3102, 0.3217



44.2910, 0.3147, 0.3238



44.2910, 0.3187, 0.3272

Triad

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



44.2910, 0.3147, 0.3238



44.2910, 0.3190, 0.3365



44.2910, 0.3045, 0.3268

Complementary

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



44.2910, 0.3147, 0.3238



45.8873, 0.3108, 0.3343

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.



44.2910, 0.3068, 0.3308



44.2910, 0.3147, 0.3238



44.2910, 0.3152, 0.3364

Square

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



44.2910, 0.3147, 0.3238



44.2910, 0.3212, 0.3345



44.2910, 0.3107, 0.3343



44.2910, 0.3043, 0.3234

Rectangle

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



44.2910, 0.3147, 0.3238



44.2910, 0.3205, 0.3299



44.2910, 0.3107, 0.3343



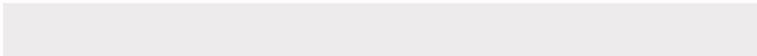
44.2910, 0.3050, 0.3281

Sweetspot

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



44.2929, 0.3147, 0.3238



83.3972, 0.3133, 0.3274



43.8988, 0.3096, 0.3211



18.4359, 0.3133, 0.3275



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.



44.2929, 0.3147, 0.3238



79.2720, 0.3152, 0.3225



44.1732, 0.3171, 0.3277



9.8582, 0.3156, 0.3215



8.0147, 0.4259, 0.2120



0.2935, 0.3926, 0.1936

Inverse Universe

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



44.2929, 0.3147, 0.3238



79.2720, 0.3152, 0.3225



46.0079, 0.3085, 0.3303



9.8582, 0.3156, 0.3215



8.0147, 0.4259, 0.2120



0.2935, 0.3926, 0.1936

Previews

White Background



This preview shows how the Yxy color 44.2910, 0.3147, 0.3238 looks on a white background.

Color Contrast Check

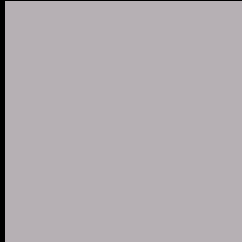
Large Text (above 18pt) WCAG AA × Fail

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 44.2910, 0.3147, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

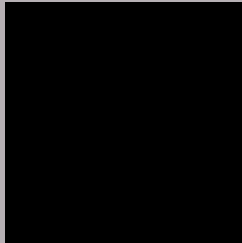
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

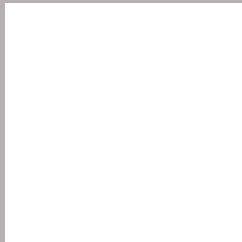
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2910, 0.3147, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 44.2910, 0.3147, 0.3238.

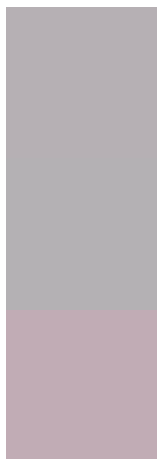


This preview shows how white text looks on a background with the Yxy color 44.2910, 0.3147, 0.3238.

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

44.2910, 0.3147, 0.3238

Protanopia

44.4429, 0.3129, 0.3250

Deuteranopia

44.1787, 0.3240, 0.3175



Tritanopia

44.3581, 0.3092, 0.3121

Trichromacy



Original Color

44.2910, 0.3147, 0.3238

Protanomaly

44.5633, 0.3138, 0.3251

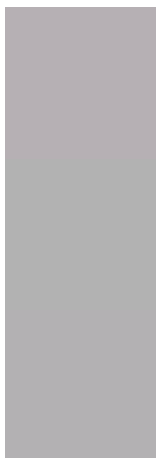
Deuteranomaly

44.0422, 0.3203, 0.3187

Tritanomaly

44.2300, 0.3116, 0.3160

Monochromacy



Original Color

44.2910, 0.3147, 0.3238

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 44.2910, 0.3147, 0.3238 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 180) }
```

Border

The CSS property to change the border of an element to Yxy 44.2910, 0.3147, 0.3238 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, 180) }
```

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

```
.border{ border-color:rgb(182, 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(182, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2910, 0.3147, 0.3238 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, 180) }
```

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

```
.background{ background-color: rgb(182,  
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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