

Converting Colors

$Yxy(49.8872, 0.3111, 0.3380)$

Have a look what the booklet for
Yxy(49.8872, 0.3111, 0.3380)
contains.

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Color

Yxy(50.0696, 0.3107, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	B5BEB7
RGB	181, 190, 183
RGB Percent	71%, 75%, 72%
CMY	0.2900, 0.2549, 0.2823
CMYK	0.05, 0.00, 0.04, 0.25
HSL	133°, 6%, 73%
HSV	133°, 5%, 75%
XYZ	46.0255, 50.0696, 52.0398
YIQ	186.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

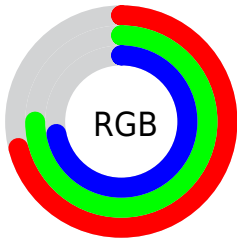
Format	Color
RYB	181, 188, 190
Decimal	11910839
CIELab	76.11, -4.40, 2.44
CIELCh	76, 5.031, 150.950
Yxy	50.0696, 0.3107, 0.3380
Android (android.graphics.Color)	4290100919 (0xFFB5BEB7)
YUV	186.5110, -1.7309, -4.8331
Hunter-Lab	70.7599, -7.7251, 5.9275

Details

The Yxy color **50.0696, 0.3107, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6465, 0.3148, 0.3202**, and the grayscale version is **49.4208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1481, 0.3111, 0.3360**, and **24.0922, 0.3099, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **47.3426, 0.3064, 0.3590**, and if you desaturate by 10%, it is **53.1793, 0.3150, 0.3195**.

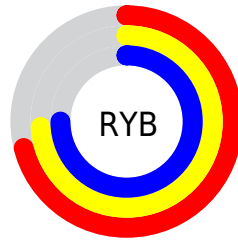
Distribution



Red (71%)

Green (75%)

Blue (72%)



Red (71%)

Yellow (74%)

Blue (75%)

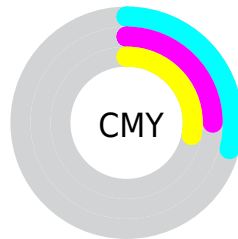


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0696, 0.3107, 0.3380 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 50.0696, 0.3107, 0.3380 by changing the saturation by 10% instead.

■ 50.0696, 0.3107,
0.3380

■ 50.0696, 0.3107,
0.3380

386.9381, 0.3117,
0.3335

■ 35.4687, 0.3104,
0.3391

■ 90.2780, 0.3111,
0.3364

■ 24.0241, 0.3101,
0.3405

116.6543, 0.3112,
0.3358

■ 15.3515, 0.3097,
0.3424

147.7245, 0.3113,
0.3353

■ 9.0665, 0.3091,
0.3451

183.8730, 0.3114,
0.3348

■ 4.7846, 0.3081,
0.3490

225.4842, 0.3115,
0.3344

■ 2.1214, 0.3066,
0.3554

272.9425, 0.3116,


■ 0.6766, 0.3013,

0.3341


0.3805


326.6323, 0.3117,
0.3338

 0.0000, 0.0000,
0.0000

 50.0696, 0.3107,
0.3380


 50.0696, 0.3107,
0.3380

 47.3426, 0.3064,
0.3590


 53.1793, 0.3150,
0.3195


 44.9773, 0.3021,
0.3825


 56.6792, 0.3191,
0.3034


 42.9603, 0.2981,
0.4085

 60.5844, 0.3229,
0.2893

 41.2749, 0.2946,
0.4364

 64.5172, 0.3250,
0.2769

 39.9030, 0.2918,
0.4657

 65.3028, 0.3157,
0.2653

■ 38.8249, 0.2900,
0.4950

■ 38.0182, 0.2895,
0.5229

■ 37.4577, 0.2903,
0.5478

■ 37.1127, 0.2924,
0.5682

Harmonies

Analogous

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



50.0696, 0.3176, 0.3408



50.0696, 0.3107, 0.3380



50.0696, 0.3044, 0.3327

Triad

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



50.0696, 0.3107, 0.3380



50.0696, 0.3022, 0.3178



50.0696, 0.3253, 0.3313

Complementary

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



50.0696, 0.3107, 0.3380



47.6465, 0.3148, 0.3202

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.



50.0696, 0.3211, 0.3253



50.0696, 0.3107, 0.3380



50.0696, 0.3078, 0.3175

Square

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



50.0696, 0.3107, 0.3380



50.0696, 0.2995, 0.3210



50.0696, 0.3146, 0.3203



50.0696, 0.3261, 0.3368

Rectangle

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



50.0696, 0.3107, 0.3380



50.0696, 0.3014, 0.3286



50.0696, 0.3146, 0.3203



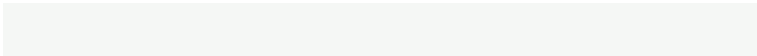
50.0696, 0.3242, 0.3293

Sweetspot

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



50.0717, 0.3107, 0.3380



92.7441, 0.3123, 0.3309



50.8593, 0.3179, 0.3404



20.3719, 0.3123, 0.3308



97.7402, 0.3127, 0.3290



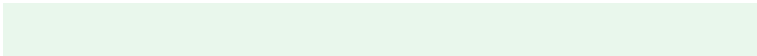
20.4902, 0.3127, 0.3290

Same Dimension

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



50.0717, 0.3107, 0.3380



90.0187, 0.3101, 0.3408



50.2602, 0.3074, 0.3322



10.8546, 0.3099, 0.3417



24.6065, 0.2931, 0.5750



0.9739, 0.2801, 0.5284

Inverse Universe

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



47.6465, 0.3148, 0.3202



84.3762, 0.3154, 0.3175



47.4574, 0.3184, 0.3258



10.1246, 0.3157, 0.3167



8.7231, 0.3844, 0.1891



0.3507, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 50.0696, 0.3107, 0.3380 looks on a white background.

Color Contrast Check

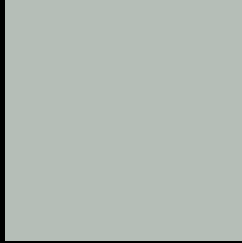
Large Text (above 18pt) WCAG AA × Fail

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 50.0696, 0.3107, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

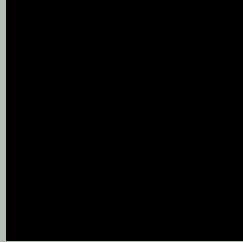
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

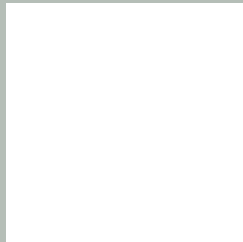
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0696, 0.3107, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 50.0696, 0.3107, 0.3380.



This preview shows how white text looks on a background with the Yxy color 50.0696, 0.3107, 0.3380.

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

50.0696, 0.3107, 0.3380

Protanopia

50.0833, 0.3216, 0.3366

Deuteranopia

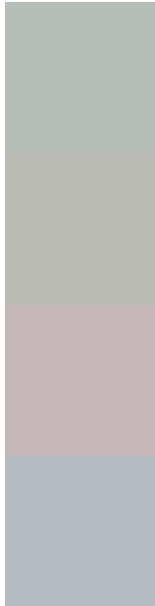
49.8159, 0.3320, 0.3242



Tritanopia

49.9953, 0.2990, 0.3102

Trichromacy



Original Color

50.0696, 0.3107, 0.3380

Protanomaly

50.0352, 0.3173, 0.3366

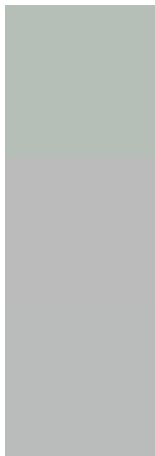
Deuteranomaly

49.7474, 0.3246, 0.3290

Tritanomaly

49.9738, 0.3034, 0.3201

Monochromacy



Original Color

50.0696, 0.3107, 0.3380

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8259, 0.3118, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0696, 0.3107, 0.3380 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, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 183)  
}
```

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, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.0696, 0.3107, 0.3380 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, 190, 183) }
```

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

```
.border{ border-color:rgb(181, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 190, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 190, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 190,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0696, 0.3107, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 183) }
```

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

```
.background{ background-color: rgb(181,  
190, 183) }
```

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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