

Converting Colors

Yxy(51.8284, 0.3125, 0.3370)

Have a look what the booklet for
Yxy(51.8284, 0.3125, 0.3370)
contains.

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Color

Yxy(51.6835, 0.3124, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	BAC0BA
RGB	186, 192, 186
RGB Percent	73%, 75%, 73%
CMY	0.2704, 0.2471, 0.2706
CMYK	0.03, 0.00, 0.03, 0.25
HSL	120°, 5%, 74%
HSV	120°, 3%, 75%
XYZ	47.9677, 51.6835, 53.8946
YIQ	189.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

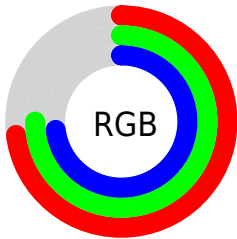
Format	Color
R_{YB}	186, 192, 192
Decimal	12239034
CIE Lab	77.09, -3.17, 2.30
CIE LCh	77, 3.916, 144.112
Yxy	51.6835, 0.3124, 0.3366
Android (android.graphics.Color)	4290429114 (0xFFBAC0BA)
YUV	189.5220, -1.7363, -3.0888
Hunter-Lab	71.8912, -6.7098, 5.8761

Details

The Yxy color **51.6835, 0.3124, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1176, 0.3130, 0.3215**, and the grayscale version is **51.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4229, 0.3124, 0.3349**, and **25.1452, 0.3122, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **48.6947, 0.3113, 0.3631**, and if you desaturate by 10%, it is **55.1042, 0.3134, 0.3134**.

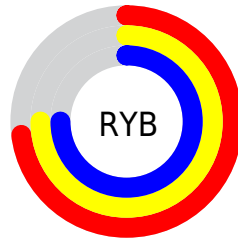
Distribution



Red (73%)

Green (75%)

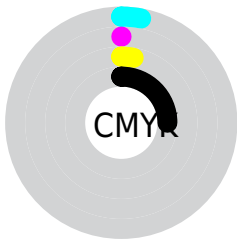
Blue (73%)



Red (73%)

Yellow (75%)

Blue (75%)

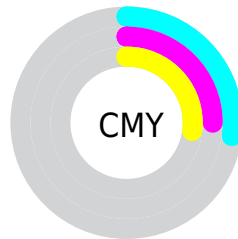


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6835, 0.3124, 0.3366 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 51.6835, 0.3124, 0.3366 by changing the saturation by 10% instead.

■ 51.6835, 0.3124,
0.3366

■ 51.6835, 0.3124,
0.3366

393.2135, 0.3126,
0.3329

■ 36.7529, 0.3124,
0.3375

■ 92.6643, 0.3125,
0.3352

■ 25.0162, 0.3123,
0.3387

119.4833, 0.3125,
0.3347

■ 16.0891, 0.3122,
0.3403

151.0338, 0.3125,
0.3343

■ 9.5872, 0.3121,
0.3424

187.7002, 0.3125,
0.3339

■ 5.1262, 0.3119,
0.3456

229.8670, 0.3125,
0.3336

■ 2.3215, 0.3116,
0.3507

277.9186, 0.3125,

■ 0.7850, 0.3113,

0.3333

0.3655

332.2393, 0.3126,
0.3331

0.0000, 0.0000,
0.0000

51.6835, 0.3124,
0.3366

51.6835, 0.3124,
0.3366

48.6947, 0.3113,
0.3631

55.1042, 0.3134,
0.3134

46.1144, 0.3100,
0.3931

58.9661, 0.3142,
0.2934

43.9268, 0.3086,
0.4261

63.2863, 0.3149,
0.2763

42.1127, 0.3070,
0.4612

66.1772, 0.3156,
0.2673

40.6513, 0.3054,
0.4967

■ 39.5195, 0.3038,
0.5303

■ 38.6919, 0.3024,
0.5593

■ 38.1390, 0.3012,
0.5812

■ 37.8257, 0.3004,
0.5945

Harmonies

Analogous

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



51.6835, 0.3176, 0.3382



51.6835, 0.3124, 0.3366



51.6835, 0.3073, 0.3329

Triad

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



51.6835, 0.3124, 0.3366



51.6835, 0.3040, 0.3208



51.6835, 0.3219, 0.3297

Complementary

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



51.6835, 0.3124, 0.3366



50.1176, 0.3130, 0.3215

Split Complementary

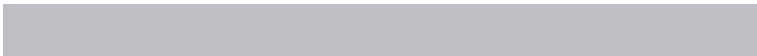
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.6835, 0.3181, 0.3252



51.6835, 0.3124, 0.3366



51.6835, 0.3078, 0.3200

Square

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



51.6835, 0.3124, 0.3366



51.6835, 0.3025, 0.3237



51.6835, 0.3130, 0.3216



51.6835, 0.3231, 0.3342

Rectangle

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



51.6835, 0.3124, 0.3366



51.6835, 0.3047, 0.3298



51.6835, 0.3130, 0.3216



51.6835, 0.3209, 0.3282

Sweetspot

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



51.6857, 0.3124, 0.3366



94.9002, 0.3126, 0.3314



52.4038, 0.3173, 0.3364



20.3658, 0.3126, 0.3313



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.



51.6857, 0.3124, 0.3366



93.1177, 0.3123, 0.3389



51.8042, 0.3102, 0.3329



11.5848, 0.3122, 0.3405



25.3762, 0.3002, 0.5998



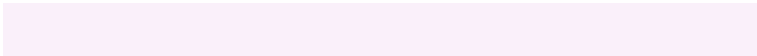
1.0978, 0.3010, 0.5992

Inverse Universe

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



50.1176, 0.3130, 0.3215



89.4497, 0.3131, 0.3193



49.9966, 0.3153, 0.3251



11.0587, 0.3132, 0.3177



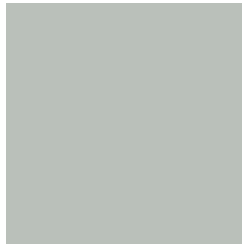
9.9637, 0.3189, 0.1530



0.4319, 0.3194, 0.1533

Previews

White Background



This preview shows how the Yxy color 51.6835, 0.3124, 0.3366 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 51.6835, 0.3124, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

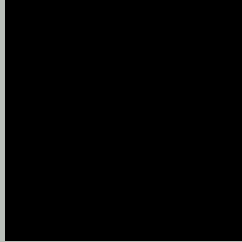
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

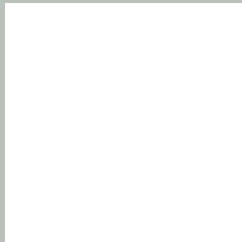
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6835, 0.3124, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 51.6835, 0.3124, 0.3366.



This preview shows how white text looks on a background with the Yxy color 51.6835, 0.3124, 0.3366.

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

51.6835, 0.3124, 0.3366

Protanopia

51.5001, 0.3208, 0.3340

Deuteranopia

51.4671, 0.3308, 0.3243



Tritanopia

51.5736, 0.3015, 0.3105

Trichromacy



Original Color

51.6835, 0.3124, 0.3366

Protanomaly

51.5362, 0.3182, 0.3353

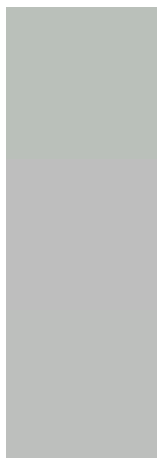
Deuteranomaly

51.5460, 0.3244, 0.3290

Tritanomaly

51.5495, 0.3059, 0.3203

Monochromacy



Original Color

51.6835, 0.3124, 0.3366

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7545, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6835, 0.3124, 0.3366 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(186, 192, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 186)  
}
```

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(186, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.6835, 0.3124, 0.3366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

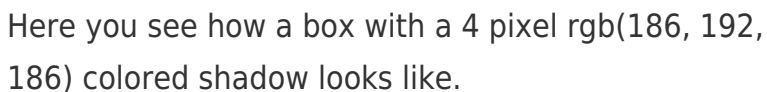
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 192, 186) }
```

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

```
.border{ border-color:rgb(186, 192, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 192, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 192, 186); box-shadow:4px 4px 4px 4px rgb(186, 192, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6835, 0.3124, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 186) }
```

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

```
.background{ background-color: rgb(186,  
192, 186) }
```

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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