

Converting Colors

Yxy(51.9124, 0.3185, 0.3386)

Have a look what the booklet for
Yxy(51.9124, 0.3185, 0.3386)
contains.

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Color

Yxy(51.7987, 0.3180, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	BFBFB8
RGB	191, 191, 184
RGB Percent	75%, 75%, 72%
CMY	0.2511, 0.2509, 0.2784
CMYK	0.00, 0.00, 0.04, 0.25
HSL	60°, 5%, 74%
HSV	60°, 4%, 75%
XYZ	48.7625, 51.7987, 52.7801
YIQ	190.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

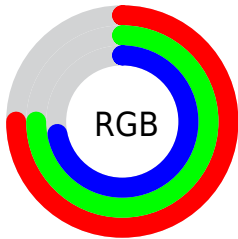
Format	Color
RYB	184, 191, 184
Decimal	12566456
CIELab	77.16, -1.28, 3.51
CIELCh	77, 3.740, 110.071
Yxy	51.7987, 0.3180, 0.3378
Android (android.graphics.Color)	4290756536 (0xFFBFBFB8)
YUV	190.2020, -3.0576, 0.6998
Hunter-Lab	71.9713, -5.0111, 6.8997

Details

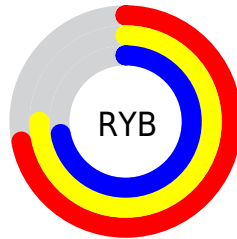
The Yxy color **51.7987, 0.3180, 0.3378** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2448, 0.3073, 0.3200**, and the grayscale version is **51.6308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5870, 0.3169, 0.3359**, and **25.2189, 0.3199, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **51.0360, 0.3327, 0.3624**, and if you desaturate by 10%, it is **52.6741, 0.3038, 0.3142**.

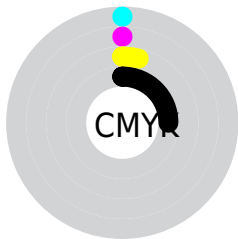
Distribution



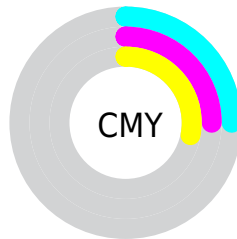
- Red (75%)
- Green (75%)
- Blue (72%)



- Red (72%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7987, 0.3180, 0.3378 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 51.7987, 0.3180, 0.3378 by changing the saturation by 10% instead.

 51.7987, 0.3180,
0.3378

 51.7987, 0.3180,
0.3378


393.6590, 0.3154,
0.3335

 36.8446, 0.3186,
0.3389


 92.8343, 0.3171,
0.3362

 25.0872, 0.3194,
0.3402


119.6846, 0.3167,
0.3357

 16.1421, 0.3205,
0.3420


151.2692, 0.3164,
0.3352

 9.6247, 0.3219,
0.3445

187.9723, 0.3162,
0.3347

 5.1509, 0.3241,
0.3481

230.1785, 0.3159,
0.3343

 2.3360, 0.3274,
0.3539

278.2721, 0.3157,

 0.7927, 0.3386,

0.3340

0.3718

332.6374, 0.3156,
0.3337

0.0000, 0.0000,
0.0000

51.7987, 0.3180,
0.3378

51.7987, 0.3180,
0.3378

51.0360, 0.3327,
0.3624

52.6741, 0.3038,
0.3142

50.3749, 0.3477,
0.3874

53.6595, 0.2904,
0.2919

49.8131, 0.3624,
0.4120

54.7610, 0.2779,
0.2711

49.3457, 0.3764,
0.4353

55.6285, 0.2696,
0.2573

48.9673, 0.3889,
0.4564

55.6457, 0.2697,
0.2573

■ 48.6720, 0.3996,
0.4744

■ 55.6630, 0.2698,
0.2573

■ 48.4531, 0.4079,
0.4885

■ 55.6802, 0.2699,
0.2574

■ 48.3032, 0.4137,
0.4984

■ 55.6974, 0.2700,
0.2574

■ 48.2130, 0.4169,
0.5041

■ 55.7147, 0.2701,
0.2574

Harmonies

Analogous

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



51.7987, 0.3215, 0.3366



51.7987, 0.3180, 0.3378



51.7987, 0.3131, 0.3366

Triad

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



51.7987, 0.3180, 0.3378



51.7987, 0.3029, 0.3245



51.7987, 0.3173, 0.3248

Complementary

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



51.7987, 0.3180, 0.3378



48.2448, 0.3073, 0.3200

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.



51.7987, 0.3123, 0.3216



51.7987, 0.3180, 0.3378



51.7987, 0.3040, 0.3214

Square

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



51.7987, 0.3180, 0.3378



51.7987, 0.3044, 0.3289



51.7987, 0.3074, 0.3204



51.7987, 0.3211, 0.3291

Rectangle

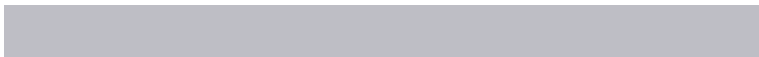
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.7987, 0.3180, 0.3378



51.7987, 0.3097, 0.3346



51.7987, 0.3074, 0.3204



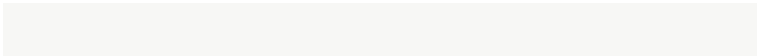
51.7987, 0.3157, 0.3236

Sweetspot

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



51.8009, 0.3180, 0.3378



93.1556, 0.3142, 0.3314



48.8244, 0.3186, 0.3290



20.4578, 0.3141, 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.



51.8009, 0.3180, 0.3378



92.7023, 0.3186, 0.3388



51.3585, 0.3152, 0.3379



11.1962, 0.3195, 0.3402



31.6565, 0.4181, 0.5062



1.2411, 0.4184, 0.5060

Inverse Universe

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



48.2448, 0.3073, 0.3200



85.6647, 0.3067, 0.3191



48.6768, 0.3102, 0.3201



10.2218, 0.3058, 0.3175



2.4791, 0.1503, 0.0601



0.0982, 0.1513, 0.0607

Previews

White Background



This preview shows how the Yxy color 51.7987, 0.3180, 0.3378 looks on a white background.

Color Contrast Check

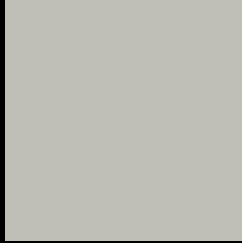
Large Text (above 18pt) WCAG AA × Fail

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 51.7987, 0.3180, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

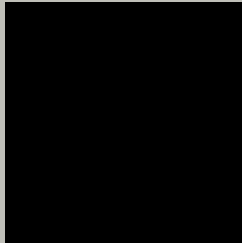
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

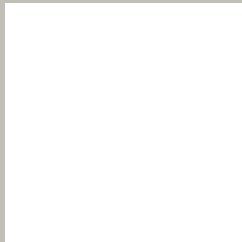
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7987, 0.3180, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 51.7987, 0.3180, 0.3378.



This preview shows how white text looks on a background with the Yxy color 51.7987, 0.3180, 0.3378.

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

51.7987, 0.3180, 0.3378

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

51.6326, 0.3350, 0.3279



Tritanopia

51.7476, 0.3063, 0.3107

Trichromacy



Original Color

51.7987, 0.3180, 0.3378

Protanomaly

51.7151, 0.3214, 0.3378

Deuteranomaly

51.8808, 0.3286, 0.3315

Tritanomaly

51.7182, 0.3107, 0.3204

Monochromacy



Original Color

51.7987, 0.3180, 0.3378

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4049, 0.3142, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7987, 0.3180, 0.3378 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(191, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 184)  
}
```

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(191, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.7987, 0.3180, 0.3378 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(191, 191, 184) }
```

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

```
.border{ border-color:rgb(191, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 191, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 191, 184); box-shadow:4px 4px 4px 4px rgb(191, 191, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7987, 0.3180, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 184) }
```

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

```
.background{ background-color: rgb(191,  
191, 184) }
```

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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