

Converting Colors

$Yxy(52.7792, 0.3116, 0.3365)$

Have a look what the booklet for
Yxy(52.7792, 0.3116, 0.3365)
contains.

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Color

Yxy(52.7792, 0.3116, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	BBC2BC
RGB	187, 194, 188
RGB Percent	73%, 76%, 74%
CMY	0.2664, 0.2393, 0.2627
CMYK	0.04, 0.00, 0.03, 0.24
HSL	128°, 5%, 75%
HSV	128°, 4%, 76%
XYZ	48.8737, 52.7792, 55.1947
YIQ	191.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

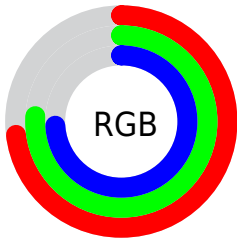
Format	Color
RYB	187, 193, 194
Decimal	12305084
CIELab	77.74, -3.50, 2.16
CIELCh	78, 4.110, 148.305
Yxy	52.7792, 0.3116, 0.3365
Android (android.graphics.Color)	4290495164 (0xFFBBC2BC)
YUV	191.2230, -1.5889, -3.7036
Hunter-Lab	72.6493, -7.0531, 5.8095

Details

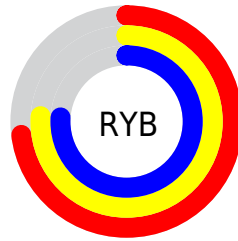
The Yxy color **52.7792, 0.3116, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8848, 0.3139, 0.3216**, and the grayscale version is **52.2530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9576, 0.3118, 0.3349**, and **25.5738, 0.3112, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **49.8166, 0.3084, 0.3594**, and if you desaturate by 10%, it is **56.1605, 0.3147, 0.3164**.

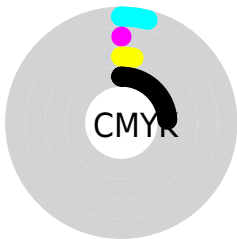
Distribution



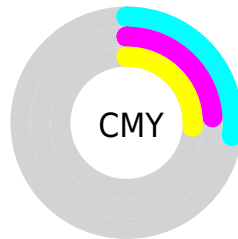
- Red (73%)
- Green (76%)
- Blue (74%)



- Red (73%)
- Yellow (76%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7792, 0.3116, 0.3365 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 52.7792, 0.3116, 0.3365 by changing the saturation by 10% instead.

■ 52.7792, 0.3116,
0.3365

■ 52.7792, 0.3116,
0.3365

397.4374, 0.3122,
0.3328

■ 37.6265, 0.3115,
0.3374

■ 94.2794, 0.3118,
0.3352

■ 25.6930, 0.3113,
0.3386

121.3957, 0.3119,
0.3347

■ 16.5941, 0.3110,
0.3401

153.2687, 0.3119,
0.3342

■ 9.9455, 0.3107,
0.3422

190.2827, 0.3120,
0.3339

■ 5.3628, 0.3102,
0.3452

232.8222, 0.3120,
0.3336

■ 2.4617, 0.3094,
0.3502

281.2716, 0.3121,

■ 0.8574, 0.3079,

0.3333

0.3618

336.0152, 0.3121,
0.3330

0.0000, 0.0000,
0.0000

52.7792, 0.3116,
0.3365

52.7792, 0.3116,
0.3365

49.8166, 0.3084,
0.3594

56.1605, 0.3147,
0.3164

47.2499, 0.3052,
0.3853

59.9688, 0.3176,
0.2989

45.0643, 0.3021,
0.4138

64.2207, 0.3203,
0.2837

43.2416, 0.2992,
0.4445

67.0529, 0.3156,
0.2693

41.7620, 0.2969,
0.4763

67.0579, 0.3155,
0.2693

■ 40.6037, 0.2953,
0.5078

■ 39.7426, 0.2946,
0.5370

■ 39.1511, 0.2949,
0.5618

■ 38.7960, 0.2962,
0.5806

Harmonies

Analogous

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



52.7792, 0.3171, 0.3385



52.7792, 0.3116, 0.3365



52.7792, 0.3064, 0.3324

Triad

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



52.7792, 0.3116, 0.3365



52.7792, 0.3040, 0.3201



52.7792, 0.3226, 0.3305

Complementary

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



52.7792, 0.3116, 0.3365



50.8848, 0.3139, 0.3216

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.



52.7792, 0.3190, 0.3256



52.7792, 0.3116, 0.3365



52.7792, 0.3083, 0.3197

Square

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



52.7792, 0.3116, 0.3365



52.7792, 0.3021, 0.3230



52.7792, 0.3138, 0.3217



52.7792, 0.3235, 0.3350

Rectangle

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



52.7792, 0.3116, 0.3365



52.7792, 0.3039, 0.3291



52.7792, 0.3138, 0.3217



52.7792, 0.3217, 0.3288

Sweetspot

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



52.7815, 0.3116, 0.3365



97.1333, 0.3124, 0.3311



53.5141, 0.3172, 0.3376



21.2777, 0.3124, 0.3310



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



52.7815, 0.3116, 0.3365



95.3594, 0.3114, 0.3376



52.9314, 0.3091, 0.3322



11.5945, 0.3112, 0.3389



25.4260, 0.2966, 0.5878



1.1061, 0.2875, 0.5548

Inverse Universe

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



50.8848, 0.3139, 0.3216



91.4624, 0.3140, 0.3206



50.7332, 0.3165, 0.3259



11.0485, 0.3142, 0.3193



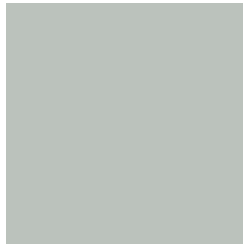
9.3911, 0.3586, 0.1749



0.4125, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 52.7792, 0.3116, 0.3365 looks on a white background.

Color Contrast Check

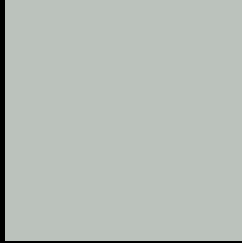
Large Text (above 18pt) WCAG AA × Fail

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 52.7792, 0.3116, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

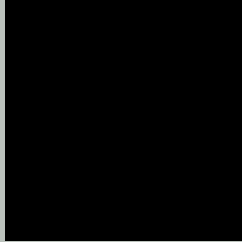
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

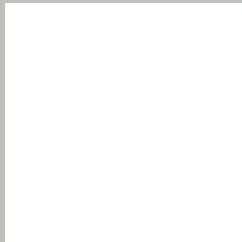
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7792, 0.3116, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 52.7792, 0.3116, 0.3365.



This preview shows how white text looks on a background with the Yxy color 52.7792, 0.3116, 0.3365.

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

52.7792, 0.3116, 0.3365

Protanopia

52.6771, 0.3215, 0.3352

Deuteranopia

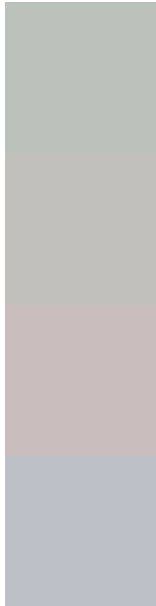
52.6844, 0.3307, 0.3243



Tritanopia

52.6650, 0.3009, 0.3106

Trichromacy



Original Color

52.7792, 0.3116, 0.3365

Protanomaly

52.6246, 0.3173, 0.3352

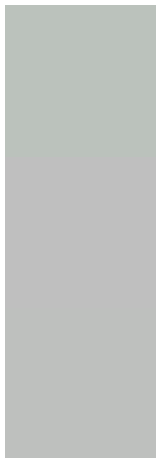
Deuteranomaly

52.6259, 0.3235, 0.3290

Tritanomaly

52.6416, 0.3051, 0.3203

Monochromacy



Original Color

52.7792, 0.3116, 0.3365

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3641, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7792, 0.3116, 0.3365 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(187, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 194, 188)  
}
```

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(187, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 194, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.7792, 0.3116, 0.3365 is called "border". The border property can be set on classes, ids or directly on the HTML element.

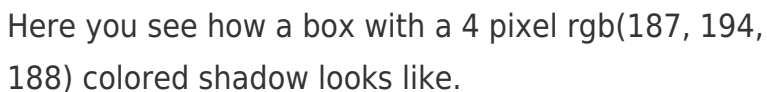
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 194, 188) }
```

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

```
.border{ border-color:rgb(187, 194, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 194, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 194, 188); box-shadow:4px 4px 4px 4px rgb(187, 194, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7792, 0.3116, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 194, 188) }
```

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

```
.background{ background-color: rgb(187,  
194, 188) }
```

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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