

Converting Colors

$Yxy(52.7850, 0.3185, 0.3264)$

Have a look what the booklet for
Yxy(52.7850, 0.3185, 0.3264)
contains.

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Color

Yxy(52.7748, 0.3186, 0.3266)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C7BEC0 |
| RGB | 199, 190, 192 |
| RGB Percent | 78%, 75%, 75% |
| CMY | 0.2196, 0.2549, 0.2471 |
| CMYK | 0.00, 0.05, 0.04, 0.22 |
| HSL | 347°, 7%, 76% |
| HSV | 347°, 5%, 78% |
| XYZ | 51.4821, 52.7748, 57.3316 |
| YIQ | 192.9190, 4.7220, 2.5300 |

Conversions

Conversions Part 2

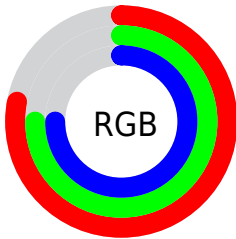
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 190, 192 |
| Decimal | 13090496 |
| CIELab | 77.74, 3.52, 0.12 |
| CIELCh | 78, 3.519, 2.005 |
| Yxy | 52.7748, 0.3186, 0.3266 |
| Android (android.graphics.Color) | 4291280576 (0xFFC7BEC0) |
| YUV | 192.9190, -0.4531, 5.3330 |
| Hunter-Lab | 72.6463, -0.6337, 4.0614 |

Details

The Yxy color **52.7748, 0.3186, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8338, 0.3071, 0.3314**, and the grayscale version is **53.2806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9488, 0.3173, 0.3271**, and **25.7751, 0.3195, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **44.0841, 0.3338, 0.3210**, and if you desaturate by 10%, it is **62.7199, 0.3063, 0.3318**.

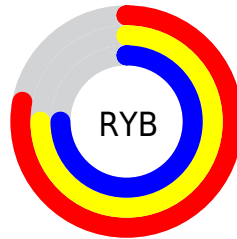
Distribution



Red (78%)

Green (75%)

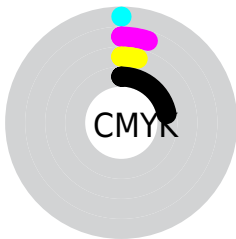
Blue (75%)



Red (78%)

Yellow (75%)

Blue (75%)

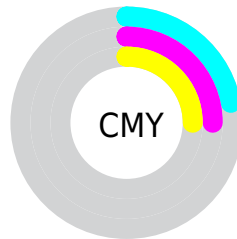


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7748, 0.3186, 0.3266 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 52.7748, 0.3186, 0.3266 by changing the saturation by 10% instead.

 52.7748, 0.3186,
0.3266

 52.7748, 0.3186,
0.3266


397.4205, 0.3157,
0.3278

 37.6230, 0.3193,
0.3263

 94.2729, 0.3176,
0.3270

 25.6902, 0.3202,
0.3259


121.3880, 0.3172,
0.3272

 16.5920, 0.3214,
0.3255


153.2597, 0.3168,
0.3273

 9.9441, 0.3230,
0.3248

190.2724, 0.3166,
0.3274

 5.3619, 0.3253,
0.3238

232.8104, 0.3163,
0.3275

 2.4611, 0.3291,
0.3223

281.2581, 0.3161,

 0.8571, 0.3361,

0.3276

0.3194

336.0001, 0.3159,
0.3277

0.0000, 0.0000,
0.0000

52.7748, 0.3186,
0.3266

52.7748, 0.3186,
0.3266

44.0841, 0.3338,
0.3210

62.7199, 0.3063,
0.3318

36.5912, 0.3525,
0.3152

73.9593, 0.2963,
0.3365

30.2454, 0.3754,
0.3092

86.5397, 0.2882,
0.3409

24.9900, 0.4032,
0.3035

90.8260, 0.2804,
0.3299

20.7630, 0.4361,
0.2987

90.8841, 0.2800,
0.3289

■ 17.4964, 0.4736,
0.2956

■ 15.1139, 0.5138,
0.2953

■ 13.5276, 0.5533,
0.2985

■ 12.6309, 0.5875,
0.3054

Harmonies

Analogous

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



52.7748, 0.3142, 0.3231



52.7748, 0.3186, 0.3266



52.7748, 0.3214, 0.3308

Triad

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



52.7748, 0.3186, 0.3266



52.7748, 0.3159, 0.3370



52.7748, 0.3037, 0.3234

Complementary

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



52.7748, 0.3186, 0.3266



55.8338, 0.3071, 0.3314

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.



52.7748, 0.3041, 0.3272



52.7748, 0.3186, 0.3266



52.7748, 0.3112, 0.3351

Square

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



52.7748, 0.3186, 0.3266



52.7748, 0.3199, 0.3368



52.7748, 0.3069, 0.3314



52.7748, 0.3056, 0.3213

Rectangle

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



52.7748, 0.3186, 0.3266



52.7748, 0.3220, 0.3334



52.7748, 0.3069, 0.3314



52.7748, 0.3035, 0.3246

Sweetspot

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



52.7771, 0.3186, 0.3266



98.2563, 0.3140, 0.3285



52.8106, 0.3115, 0.3180



21.0493, 0.3139, 0.3285



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.



52.7771, 0.3186, 0.3266



91.5089, 0.3193, 0.3263



53.7396, 0.3199, 0.3320



11.4143, 0.3201, 0.3260



7.9342, 0.6000, 0.3079



0.3869, 0.5403, 0.2750

Inverse Universe

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



52.7771, 0.3186, 0.3266



91.5089, 0.3193, 0.3263



54.8279, 0.3058, 0.3260



11.4143, 0.3201, 0.3260



7.9342, 0.6000, 0.3079



0.3869, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 52.7748, 0.3186, 0.3266 looks on a white background.

Color Contrast Check

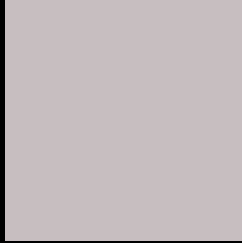
Large Text (above 18pt) WCAG AA × Fail

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 52.7748, 0.3186, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

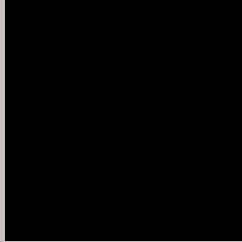
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

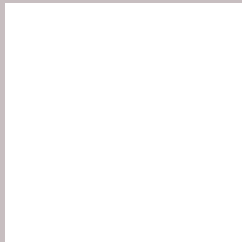
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7748, 0.3186, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 52.7748, 0.3186, 0.3266.

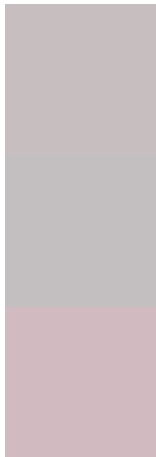


This preview shows how white text looks on a background with the Yxy color 52.7748, 0.3186, 0.3266.

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

52.7748, 0.3186, 0.3266

Protanopia

52.7140, 0.3145, 0.3265

Deuteranopia

52.6697, 0.3274, 0.3207



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.7748, 0.3186, 0.3266

Protanomaly

52.8476, 0.3153, 0.3266

Deuteranomaly

52.5127, 0.3239, 0.3218

Tritanomaly

52.7981, 0.3141, 0.3169

Monochromacy



Original Color

52.7748, 0.3186, 0.3266

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1516, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7748, 0.3186, 0.3266 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(199, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 192)  
}
```

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(199, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.7748, 0.3186, 0.3266 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(199, 190, 192) }
```

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

```
.border{ border-color:rgb(199, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7748, 0.3186, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 192) }
```

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

```
.background{ background-color: rgb(199,  
190, 192) }
```

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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