

# Converting Colors

Yxy(52.5048, 0.3227, 0.3427)

Have a look what the booklet for  
Yxy(52.5048, 0.3227, 0.3427)  
contains.

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# Color

**Yxy(52.5048, 0.3227, 0.3427)**

# Conversions

| Conversions Part 1 |                           |
|--------------------|---------------------------|
| Format             | Color                     |
| Hex                | C2C0B5                    |
| RGB                | 194, 192, 181             |
| RGB Percent        | 76%, 75%, 71%             |
| CMY                | 0.2392, 0.2470, 0.2901    |
| CMYK               | 0.00, 0.01, 0.07, 0.24    |
| HSL                | 51°, 10%, 74%             |
| HSV                | 51°, 7%, 76%              |
| XYZ                | 49.4406, 52.5048, 51.2638 |
| YIQ                | 191.3440, 4.7230, -2.9970 |

# Conversions

## Conversions Part 2

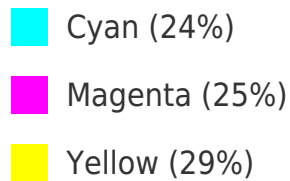
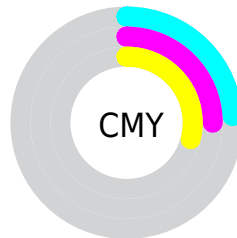
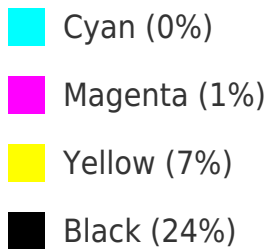
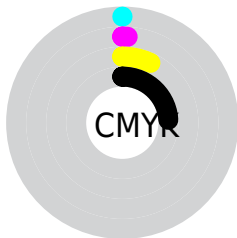
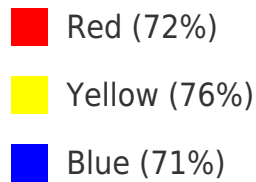
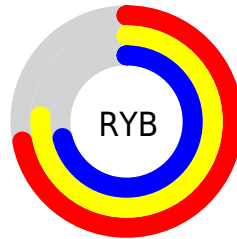
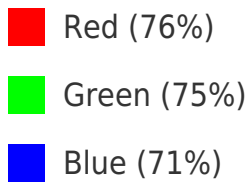
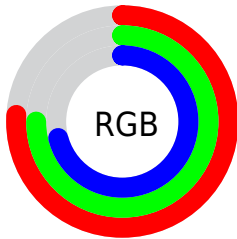
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">183, 194, 181</a>              |
| Decimal                             | <a href="#">12763317</a>                   |
| CIELab                              | <a href="#">77.58, -1.25, 5.76</a>         |
| CIELCh                              | <a href="#">78, 5.893, 102.276</a>         |
| Yxy                                 | <a href="#">52.5048, 0.3227, 0.3427</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4290953397</a><br>(0xFFC2C0B5) |
| YUV                                 | <a href="#">191.3440, -5.0996, 2.3293</a>  |
| Hunter-Lab                          | <a href="#">72.4602, -5.0123, 8.7759</a>   |

# Details

The Yxy color `52.5048, 0.3227, 0.3427` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `47.6036, 0.3026, 0.3149`, and the grayscale version is `52.3407, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.5732, 0.3206, 0.3398`, and `25.5992, 0.3251, 0.3476` is the 20% darker color. If you saturate the color by 10%, you get `50.4665, 0.3384, 0.3639`, and if you desaturate by 10%, it is `54.6852, 0.3079, 0.3224`.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5048, 0.3227, 0.3427 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 52.5048, 0.3227, 0.3427 by changing the saturation by 10% instead.




 52.5048, 0.3227,  
0.3427

 52.5048, 0.3227,  
0.3427


396.3823, 0.3178,  
0.3360

 37.4076, 0.3239,  
0.3443


 93.8753, 0.3209,  
0.3403

 25.5232, 0.3254,  
0.3464


120.9174, 0.3203,  
0.3394

 16.4673, 0.3274,  
0.3492


152.7099, 0.3197,  
0.3386

 9.8554, 0.3301,  
0.3530

189.6372, 0.3192,  
0.3379

 5.3032, 0.3340,  
0.3586

232.0837, 0.3188,  
0.3373

 2.4262, 0.3403,  
0.3675


280.4338, 0.3184,

 0.8393, 0.3622,


0.3368


0.3963


335.0719, 0.3181,  
0.3364


 0.0000, 0.0000,  
0.0000


 52.5048, 0.3227,  
0.3427

 52.5048, 0.3227,  
0.3427

 50.4665, 0.3384,  
0.3639


 54.6852, 0.3079,  
0.3224


 48.5588, 0.3549,  
0.3855


 57.0052, 0.2943,  
0.3032


 46.7789, 0.3718,  
0.4068


 59.4715, 0.2818,  
0.2853

 45.1213, 0.3885,  
0.4270


 61.8515, 0.2726,  
0.2725


 43.5803, 0.4044,  
0.4452


 63.2848, 0.2729,  
0.2759

 42.1493, 0.4188,  
0.4604


 64.7454, 0.2731,  
0.2793


 40.8210, 0.4311,  
0.4717

 66.2336, 0.2734,  
0.2827

 39.5870, 0.4406,  
0.4785

 67.7494, 0.2737,  
0.2860

 38.4360, 0.4475,  
0.4810

 69.2931, 0.2740,  
0.2894

# Harmonies

## Analogous

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



52.5048, 0.3274, 0.3399



52.5048, 0.3227, 0.3427



52.5048, 0.3154, 0.3418

# Triad

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



52.5048, 0.3227, 0.3427



52.5048, 0.2976, 0.3235



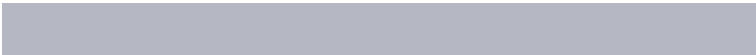
52.5048, 0.3179, 0.3209

# Complementary

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



52.5048, 0.3227, 0.3427



47.6036, 0.3026, 0.3149

# 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.



52.5048, 0.3099, 0.3166



52.5048, 0.3227, 0.3427



52.5048, 0.2983, 0.3180

# Square

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



52.5048, 0.3227, 0.3427



52.5048, 0.3010, 0.3306



52.5048, 0.3027, 0.3156



52.5048, 0.3246, 0.3273



# Rectangle

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



52.5048, 0.3227, 0.3427



52.5048, 0.3100, 0.3392



52.5048, 0.3027, 0.3156



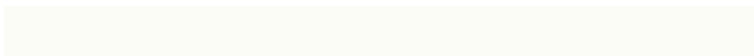
52.5048, 0.3153, 0.3192

# Sweetspot

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



52.5071, 0.3227, 0.3427



96.9351, 0.3157, 0.3331



47.9590, 0.3221, 0.3263



21.2364, 0.3156, 0.3329



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.



52.5071, 0.3227, 0.3427



94.5821, 0.3249, 0.3457



52.8261, 0.3189, 0.3453



11.4856, 0.3268, 0.3483



25.1246, 0.4490, 0.4817



1.1585, 0.4414, 0.4877



# Inverse Universe

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



47.6036, 0.3026, 0.3149



83.8804, 0.3003, 0.3117



47.3165, 0.3062, 0.3125



9.9928, 0.2983, 0.3089



3.2449, 0.1539, 0.0741



0.2215, 0.1637, 0.1092



# Previews

## White Background



This preview shows how the Yxy color 52.5048, 0.3227, 0.3427 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

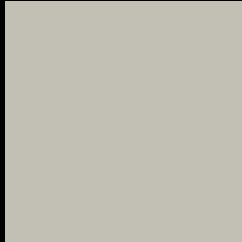
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.5048, 0.3227, 0.3427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

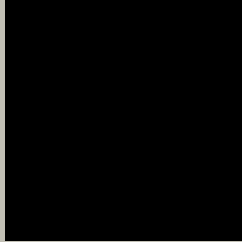
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

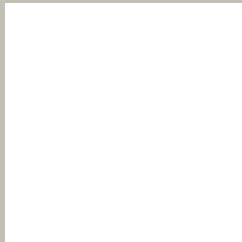
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 52.5048, 0.3227, 0.3427**

## Background



This preview shows how black text looks on a background with the Yxy color 52.5048, 0.3227, 0.3427.

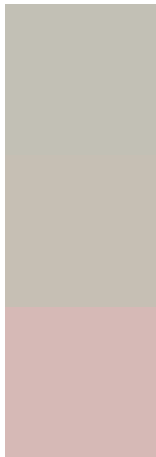


This preview shows how white text looks on a background with the Yxy color 52.5048, 0.3227, 0.3427.

# 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

52.5048, 0.3227, 0.3427

### Protanopia

52.5627, 0.3270, 0.3426

### Deuteranopia

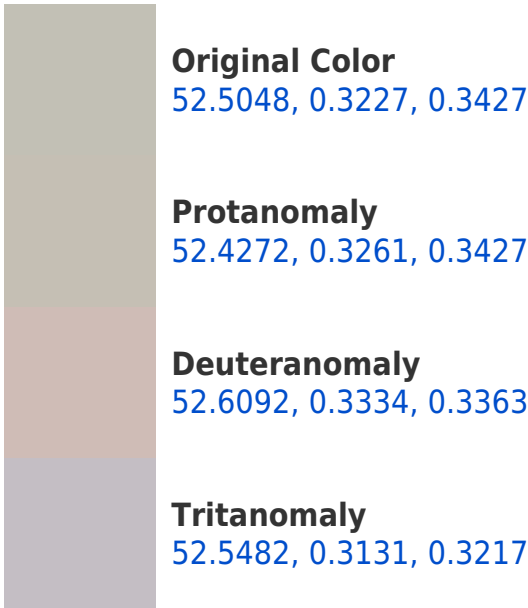
52.3715, 0.3400, 0.3326



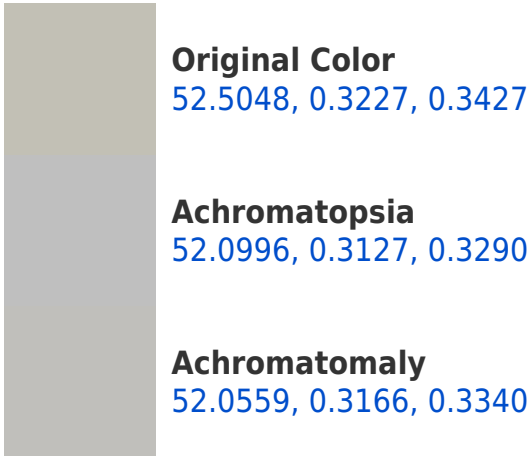
## Tritanopia

52.6251, 0.3079, 0.3109

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.5048, 0.3227, 0.3427 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(194, 192, 181) looks like.

```
.text, #text, p{  
    color:rgb(194, 192, 181)  
}
```

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(194, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 192, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 52.5048, 0.3227, 0.3427 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(194, 192, 181) }
```

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

```
.border{ border-color:rgb(194, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(194, 192,  
181) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.5048, 0.3227, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 192, 181) }
```

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

```
.background{ background-color: rgb(194,  
192, 181) }
```

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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