

Converting Colors

Yxy(54.0730, 0.3183, 0.3137)

Have a look what the booklet for
Yxy(54.0730, 0.3183, 0.3137)
contains.

| | |
|------------------------------------------------|----|
| Yxy(54.0694, 0.3183, 0.3137) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(54.0694, 0.3183, 0.3137)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D0BDCA |
| RGB | 208, 189, 202 |
| RGB Percent | 82%, 74%, 79% |
| CMY | 0.1845, 0.2587, 0.2078 |
| CMYK | 0.00, 0.09, 0.03, 0.18 |
| HSL | 319°, 17%, 78% |
| HSV | 319°, 9%, 82% |
| XYZ | 54.8623, 54.0694, 63.4286 |
| YIQ | 196.1630, 7.1510, 8.0710 |

Conversions

Conversions Part 2

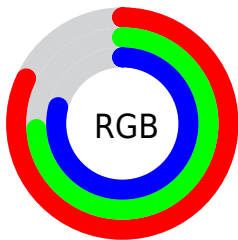
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 208, 189, 202 |
| Decimal | 13680074 |
| CIE Lab | 78.50, 8.97, -4.10 |
| CIE LCh | 79, 9.863, 335.443 |
| Yxy | 54.0694, 0.3183, 0.3137 |
| Android (android.graphics.Color) | 4291870154 (0xFFD0BDCA) |
| YUV | 196.1630, 2.8776, 10.3810 |
| Hunter-Lab | 73.5319, 4.4983, 0.3288 |

Details

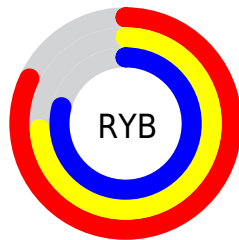
The Yxy color `54.0694, 0.3183, 0.3137` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.8500, 0.3075, 0.3448`, and the grayscale version is `55.2828, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.7848, 0.3132, 0.3194`, and `26.6165, 0.3202, 0.3102` is the 20% darker color. If you saturate the color by 10%, you get `45.4535, 0.3255, 0.2962`, and if you desaturate by 10%, it is `63.9859, 0.3122, 0.3305`.

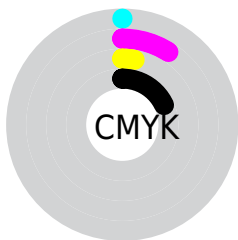
Distribution



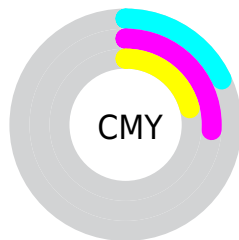
- Red (82%)
- Green (74%)
- Blue (79%)



- Red (82%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0694, 0.3183, 0.3137 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 54.0694, 0.3183, 0.3137 by changing the saturation by 10% instead.


 54.0694, 0.3183,
0.3137

 54.0694, 0.3183,
0.3137


402.3746, 0.3156,
0.3211

 38.6571, 0.3189,
0.3119


 96.1761, 0.3174,
0.3163

 26.4931, 0.3197,
0.3097


123.6394, 0.3170,
0.3173

 17.1929, 0.3208,
0.3068


155.8885, 0.3167,
0.3182

 10.3721, 0.3222,
0.3029

193.3077, 0.3164,
0.3189

 5.6464, 0.3242,
0.2974

236.2816, 0.3162,
0.3196

 2.6313, 0.3272,
0.2888

285.1944, 0.3160,

 0.9424, 0.3324,

0.3201

0.2739

340.4306, 0.3158,
0.3206

■ 0.0000, 0.3667,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0694, 0.3183,
0.3137

■ 54.0694, 0.3183,
0.3137

■ 45.4535, 0.3255,
0.2962

■ 63.9859, 0.3122,
0.3305

■ 38.0765, 0.3339,
0.2783

■ 75.2472, 0.3071,
0.3462

■ 31.8826, 0.3435,
0.2606

■ 87.9039, 0.3028,
0.3609

■ 26.8087, 0.3545,
0.2439

■ 90.5317, 0.2992,
0.3574

■ 22.7856, 0.3666,
0.2292

■ 90.9014, 0.2957,
0.3504

■ 19.7369, 0.3795,
0.2175

■ 91.2850, 0.2922,
0.3434

■ 17.5753, 0.3930,
0.2099

■ 91.6825, 0.2887,
0.3365

■ 16.1980, 0.4065,
0.2071

■ 92.0941, 0.2853,
0.3297

■ 15.4350, 0.4196,
0.2089

■ 92.1435, 0.2849,
0.3289

Harmonies

Analogous

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



54.0694, 0.3050, 0.3078



54.0694, 0.3183, 0.3137



54.0694, 0.3303, 0.3235

Triad

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



54.0694, 0.3183, 0.3137



54.0694, 0.3315, 0.3512



54.0694, 0.2885, 0.3223

Complementary

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



54.0694, 0.3183, 0.3137



59.8500, 0.3075, 0.3448

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.



54.0694, 0.2953, 0.3343



54.0694, 0.3183, 0.3137



54.0694, 0.3200, 0.3513

Square

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



54.0694, 0.3183, 0.3137



54.0694, 0.3380, 0.3450



54.0694, 0.3068, 0.3451



54.0694, 0.2881, 0.3124

Rectangle

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



54.0694, 0.3183, 0.3137



54.0694, 0.3358, 0.3311



54.0694, 0.3068, 0.3451



54.0694, 0.2902, 0.3262

Sweetspot

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



54.0718, 0.3183, 0.3137



95.0621, 0.3145, 0.3240



52.5175, 0.3031, 0.3061



20.0718, 0.3150, 0.3226



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.



54.0718, 0.3183, 0.3137



82.8366, 0.3197, 0.3102



53.6485, 0.3255, 0.3245



11.9432, 0.3185, 0.3132



9.6065, 0.4190, 0.2082



0.5511, 0.3968, 0.1959

Inverse Universe

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



54.0718, 0.3183, 0.3137



82.8366, 0.3197, 0.3102



60.2792, 0.3013, 0.3335



11.9432, 0.3185, 0.3132



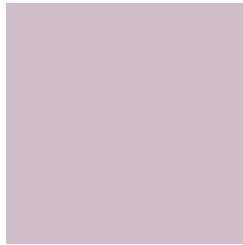
9.6065, 0.4190, 0.2082



0.5511, 0.3968, 0.1959

Previews

White Background



This preview shows how the Yxy color 54.0694, 0.3183, 0.3137 looks on a white background.

Color Contrast Check

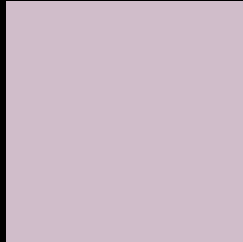
Large Text (above 18pt) WCAG AA × Fail

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 54.0694, 0.3183, 0.3137 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 54.0694, 0.3183, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 54.0694, 0.3183, 0.3137.



This preview shows how white text looks on a background with the Yxy color 54.0694, 0.3183, 0.3137.

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

54.0694, 0.3183, 0.3137

Protanopia

54.1017, 0.3062, 0.3157

Deuteranopia

53.9323, 0.3201, 0.3126



Tritanopia

54.1647, 0.3168, 0.3114

Trichromacy



Original Color

54.0694, 0.3183, 0.3137

Protanomaly

54.2904, 0.3109, 0.3158

Deuteranomaly

53.7860, 0.3192, 0.3126

Tritanomaly

54.1169, 0.3176, 0.3125

Monochromacy



Original Color

54.0694, 0.3183, 0.3137

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4965, 0.3146, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0694, 0.3183, 0.3137 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(208, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 189, 202)  
}
```

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(208, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 189, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.0694, 0.3183, 0.3137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

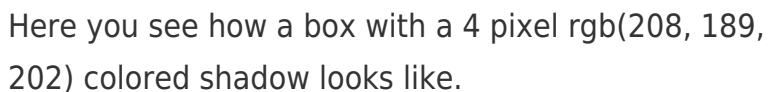
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 189, 202) }
```

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

```
.border{ border-color:rgb(208, 189, 202) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 189,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0694, 0.3183, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 189, 202) }
```

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

```
.background{ background-color: rgb(208,  
189, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor