

Converting Colors

$Yxy(54.2814, 0.3237, 0.3173)$

Have a look what the booklet for
Yxy(54.2814, 0.3237, 0.3173)
contains.

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Color

Yxy(54.3676, 0.3231, 0.3173)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D3BDC7 |
| RGB | 211, 189, 199 |
| RGB Percent | 83%, 74%, 78% |
| CMY | 0.1727, 0.2587, 0.2196 |
| CMYK | 0.00, 0.10, 0.06, 0.17 |
| HSL | 333°, 20%, 78% |
| HSV | 333°, 10%, 83% |
| XYZ | 55.3614, 54.3676, 61.6155 |
| YIQ | 196.7180, 9.9020, 7.7740 |

Conversions

Conversions Part 2

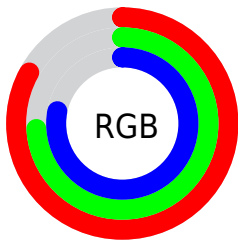
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 189, 199 |
| Decimal | 13876679 |
| CIE Lab | 78.68, 9.48, -2.19 |
| CIE LCh | 79, 9.733, 346.977 |
| Yxy | 54.3676, 0.3231, 0.3173 |
| Android (android.graphics.Color) | 4292066759 (0xFFD3BDC7) |
| YUV | 196.7180, 1.1250, 12.5253 |
| Hunter-Lab | 73.7344, 4.9865, 2.0689 |

Details

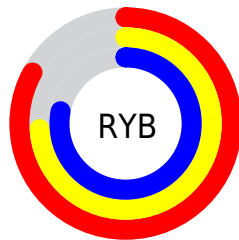
The Yxy color $54.3676, 0.3231, 0.3173$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.6024, 0.3034, 0.3410$, and the grayscale version is $55.6433, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $26.7206, 0.3256, 0.3150$ is the 20% darker color. If you saturate the color by 10%, you get $45.4300, 0.3352, 0.3054$, and if you desaturate by 10%, it is $64.6703, 0.3131, 0.3286$.

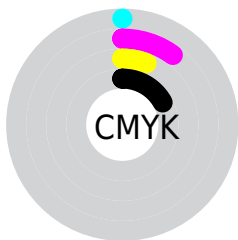
Distribution



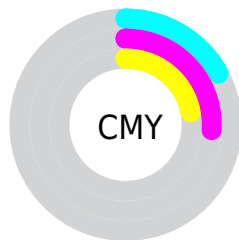
- Red (83%)
- Green (74%)
- Blue (78%)



- Red (83%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (17%)





- Cyan (17%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3676, 0.3231, 0.3173 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 54.3676, 0.3231, 0.3173 by changing the saturation by 10% instead.


 54.3676, 0.3231,
0.3173

 54.3676, 0.3231,
0.3173


403.5102, 0.3181,
0.3230

 38.8956, 0.3243,
0.3159

 96.6138, 0.3213,
0.3193

 26.6785, 0.3258,
0.3142


124.1568, 0.3206,
0.3201

 17.3319, 0.3278,
0.3120


156.4922, 0.3200,
0.3207

 10.4714, 0.3306,
0.3090

194.0045, 0.3195,
0.3213

 5.7126, 0.3345,
0.3047

237.0781, 0.3191,
0.3218

 2.6711, 0.3406,
0.2980

286.0973, 0.3187,

 0.9626, 0.3515,

0.3222

0.2862

341.4465, 0.3184,
0.3226

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3676, 0.3231,
0.3173

54.3676, 0.3231,
0.3173

45.4300, 0.3352,
0.3054

64.6703, 0.3131,
0.3286

37.7927, 0.3499,
0.2932

76.3850, 0.3048,
0.3391

31.3963, 0.3673,
0.2811

89.5654, 0.2980,
0.3488

26.1740, 0.3877,
0.2697

91.9519, 0.2919,
0.3393

■ 22.0526, 0.4111,
0.2602

■ 92.5821, 0.2866,
0.3289

■ 18.9506, 0.4370,
0.2538

■ 16.7751, 0.4644,
0.2516

■ 15.4158, 0.4917,
0.2547

■ 14.6885, 0.5168,
0.2620

Harmonies

Analogous

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



54.3676, 0.3101, 0.3098



54.3676, 0.3231, 0.3173



54.3676, 0.3335, 0.3279

Triad

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



54.3676, 0.3231, 0.3173



54.3676, 0.3273, 0.3517



54.3676, 0.2879, 0.3182

Complementary

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



54.3676, 0.3231, 0.3173



61.6024, 0.3034, 0.3410

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.



54.3676, 0.2924, 0.3296



54.3676, 0.3231, 0.3173



54.3676, 0.3149, 0.3493

Square

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



54.3676, 0.3231, 0.3173



54.3676, 0.3359, 0.3477



54.3676, 0.3022, 0.3411



54.3676, 0.2900, 0.3101

Rectangle

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



54.3676, 0.3231, 0.3173



54.3676, 0.3373, 0.3354



54.3676, 0.3022, 0.3411



54.3676, 0.2887, 0.3218

Sweetspot

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



54.3700, 0.3231, 0.3173



94.9504, 0.3155, 0.3257



53.4831, 0.3057, 0.3030



20.0416, 0.3163, 0.3248



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.



54.3700, 0.3231, 0.3173



80.9796, 0.3250, 0.3153



54.2363, 0.3309, 0.3299



11.8965, 0.3220, 0.3185



8.8889, 0.5132, 0.2601



0.5129, 0.4689, 0.2357

Inverse Universe

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



54.3700, 0.3231, 0.3173



80.9796, 0.3250, 0.3153



61.7257, 0.2968, 0.3281



11.8965, 0.3220, 0.3185



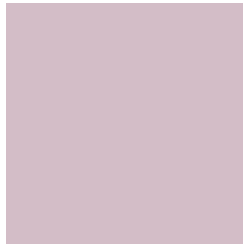
8.8889, 0.5132, 0.2601



0.5129, 0.4689, 0.2357

Previews

White Background



This preview shows how the Yxy color 54.3676, 0.3231, 0.3173 looks on a white background.

Color Contrast Check

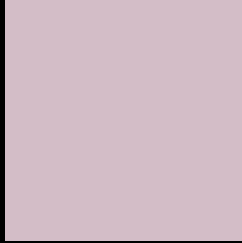
Large Text (above 18pt) WCAG AA × Fail

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 54.3676, 0.3231, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

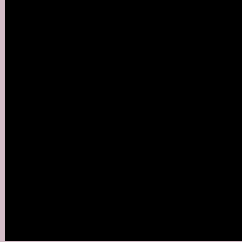
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3676, 0.3231, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 54.3676, 0.3231, 0.3173.



This preview shows how white text looks on a background with the Yxy color 54.3676, 0.3231, 0.3173.

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

54.3676, 0.3231, 0.3173

Protanopia

54.5836, 0.3084, 0.3193

Deuteranopia

54.5158, 0.3240, 0.3173



Tritanopia

54.2753, 0.3209, 0.3115

Trichromacy



Original Color

54.3676, 0.3231, 0.3173

Protanomaly

54.3338, 0.3132, 0.3182

Deuteranomaly

54.5158, 0.3240, 0.3173

Tritanomaly

54.2278, 0.3217, 0.3127

Monochromacy



Original Color

54.3676, 0.3231, 0.3173

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2173, 0.3161, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3676, 0.3231, 0.3173 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(211, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 199)  
}
```

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(211, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.3676, 0.3231, 0.3173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

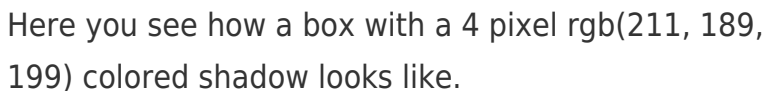
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 189, 199) }
```

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

```
.border{ border-color:rgb(211, 189, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 189, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 189, 199); box-shadow:4px 4px 4px 4px rgb(211, 189, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3676, 0.3231, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 199) }
```

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

```
.background{ background-color: rgb(211,  
189, 199) }
```

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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