

Converting Colors

$Yxy(52.3537, 0.3185, 0.3159)$

Have a look what the booklet for
Yxy(52.3537, 0.3185, 0.3159)
contains.

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Color

Yxy(52.4552, 0.3183, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBC6
RGB	204, 187, 198
RGB Percent	80%, 73%, 78%
CMY	0.1999, 0.2667, 0.2234
CMYK	0.00, 0.08, 0.03, 0.20
HSL	321°, 14%, 77%
HSV	321°, 8%, 80%
XYZ	52.8705, 52.4552, 60.7769
YIQ	193.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

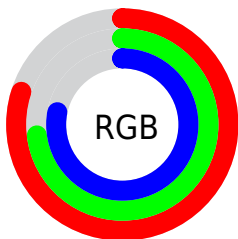
Format	Color
R_{YB}	204, 187, 198
Decimal	13417414
CIE Lab	77.55, 7.97, -3.38
CIE LCh	78, 8.652, 337.030
Yxy	52.4552, 0.3183, 0.3158
Android (android.graphics.Color)	4291607494 (0xFFCCBBC6)
YUV	193.3370, 2.2989, 9.3515
Hunter-Lab	72.4260, 3.5583, 0.9444

Details

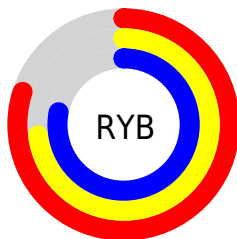
The Yxy color $52.4552, 0.3183, 0.3158$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.6085, 0.3075, 0.3426$, and the grayscale version is $53.5232, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $25.5478, 0.3202, 0.3130$ is the 20% darker color. If you saturate the color by 10%, you get $44.0836, 0.3261, 0.2993$, and if you desaturate by 10%, it is $62.0769, 0.3117, 0.3315$.

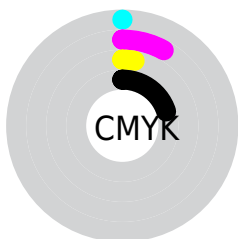
Distribution



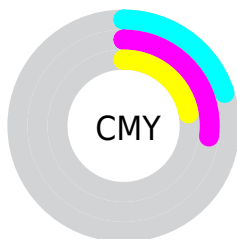
- Red (80%)
- Green (73%)
- Blue (78%)



- Red (80%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4552, 0.3183, 0.3158 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 52.4552, 0.3183, 0.3158 by changing the saturation by 10% instead.


 52.4552, 0.3183,
0.3158

 52.4552, 0.3183,
0.3158

396.1914, 0.3156,
0.3222

 37.3680, 0.3190,
0.3143


 93.8022, 0.3173,
0.3181

 25.4926, 0.3198,
0.3123


120.8309, 0.3170,
0.3190

 16.4444, 0.3208,
0.3097

152.6088, 0.3167,
0.3197

 9.8392, 0.3223,
0.3063

189.5204, 0.3164,
0.3203

 5.2925, 0.3244,
0.3013

231.9500, 0.3162,
0.3209

 2.4199, 0.3276,
0.2935

280.2822, 0.3159,

 0.8361, 0.3335,

0.3214

0.2794

334.9012, 0.3158,
0.3218

0.0000, 0.0000,
0.0000

52.4552, 0.3183,
0.3158

52.4552, 0.3183,
0.3158

44.0836, 0.3261,
0.2993

62.0769, 0.3117,
0.3315

36.9033, 0.3353,
0.2823

72.9904, 0.3062,
0.3463

30.8613, 0.3460,
0.2655

85.2443, 0.3016,
0.3601

25.8976, 0.3583,
0.2495

89.8931, 0.2976,
0.3591

21.9468, 0.3719,
0.2353

90.2978, 0.2937,
0.3513

■ 18.9364, 0.3867,
0.2241

■ 90.7192, 0.2899,
0.3435

■ 16.7841, 0.4022,
0.2168

■ 91.1576, 0.2862,
0.3359

■ 15.3933, 0.4178,
0.2144

■ 91.5799, 0.2827,
0.3289

■ 14.6162, 0.4332,
0.2168

Harmonies

Analogous

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



52.4552, 0.3065, 0.3103



52.4552, 0.3183, 0.3158



52.4552, 0.3287, 0.3247

Triad

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



52.4552, 0.3183, 0.3158



52.4552, 0.3289, 0.3488



52.4552, 0.2911, 0.3226

Complementary

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



52.4552, 0.3183, 0.3158



57.6085, 0.3075, 0.3426

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.



52.4552, 0.2969, 0.3332



52.4552, 0.3183, 0.3158



52.4552, 0.3186, 0.3486

Square

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



52.4552, 0.3183, 0.3158



52.4552, 0.3349, 0.3437



52.4552, 0.3069, 0.3428



52.4552, 0.2910, 0.3140

Rectangle

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



52.4552, 0.3183, 0.3158



52.4552, 0.3334, 0.3314



52.4552, 0.3069, 0.3428



52.4552, 0.2924, 0.3260

Sweetspot

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



52.4575, 0.3183, 0.3158



95.0434, 0.3147, 0.3243



51.2313, 0.3047, 0.3082



20.0667, 0.3152, 0.3230



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.



52.4575, 0.3183, 0.3158



84.2306, 0.3196, 0.3129



52.0773, 0.3250, 0.3259



11.3340, 0.3191, 0.3141



9.1492, 0.4337, 0.2163



0.4861, 0.4062, 0.2011

Inverse Universe

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



52.4575, 0.3183, 0.3158



84.2306, 0.3196, 0.3129



57.9975, 0.3017, 0.3321



11.3340, 0.3191, 0.3141



9.1492, 0.4337, 0.2163



0.4861, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 52.4552, 0.3183, 0.3158 looks on a white background.

Color Contrast Check

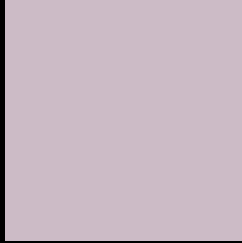
Large Text (above 18pt) WCAG AA × Fail

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 52.4552, 0.3183, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

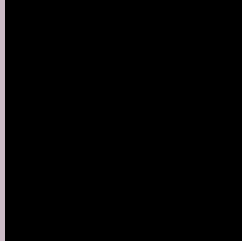
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4552, 0.3183, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 52.4552, 0.3183, 0.3158.



This preview shows how white text looks on a background with the Yxy color 52.4552, 0.3183, 0.3158.

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

52.4552, 0.3183, 0.3158

Protanopia

52.7692, 0.3076, 0.3180

Deuteranopia

52.4604, 0.3209, 0.3147



Tritanopia

52.1722, 0.3160, 0.3111

Trichromacy



Original Color

52.4552, 0.3183, 0.3158

Protanomaly

52.8207, 0.3116, 0.3181

Deuteranomaly

52.3168, 0.3200, 0.3147

Tritanomaly

52.1253, 0.3168, 0.3123

Monochromacy



Original Color

52.4552, 0.3183, 0.3158

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0721, 0.3146, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4552, 0.3183, 0.3158 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(204, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 198)  
}
```

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(204, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 198) }
```

Border

The CSS property to change the border of an element to Yxy 52.4552, 0.3183, 0.3158 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(204, 187, 198) }
```

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

```
.border{ border-color:rgb(204, 187, 198) }
```

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

Here you see how a box with a 4 pixel rgb(204, 187, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4552, 0.3183, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 198) }
```

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

```
.background{ background-color: rgb(204,  
187, 198) }
```

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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