

Converting Colors

$Y_{xy}(53.0900, 0.3257, 0.3208)$

Have a look what the booklet for
Yxy(53.0900, 0.3257, 0.3208)
contains.

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Color

Yxy(52.9910, 0.3256, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	D1BBC2
RGB	209, 187, 194
RGB Percent	82%, 73%, 76%
CMY	0.1805, 0.2666, 0.2391
CMYK	0.00, 0.11, 0.07, 0.18
HSL	341°, 19%, 78%
HSV	341°, 11%, 82%
XYZ	53.8007, 52.9910, 58.4438
YIQ	194.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

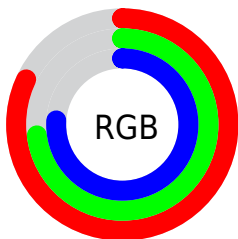
Format	Color
R _Y B	209, 187, 194
Decimal	13745090
CIE Lab	77.87, 8.99, -0.69
CIE LCh	78, 9.022, 355.587
Yxy	52.9910, 0.3256, 0.3207
Android (android.graphics.Color)	4291935170 (0xFFD1BBC2)
YUV	194.3760, -0.1854, 12.8252
Hunter-Lab	72.7949, 4.5332, 3.3552

Details

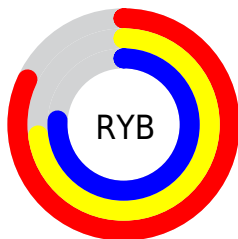
The Yxy color `52.9910, 0.3256, 0.3207` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.4217, 0.3013, 0.3375`, and the grayscale version is `54.1802, 0.3127, 0.3290`.

A 20% lighter version of the original color is `92.2633, 0.3163, 0.3223`, and `25.8137, 0.3291, 0.3195` is the 20% darker color. If you saturate the color by 10%, you get `44.1524, 0.3407, 0.3123`, and if you desaturate by 10%, it is `63.1858, 0.3133, 0.3286`.

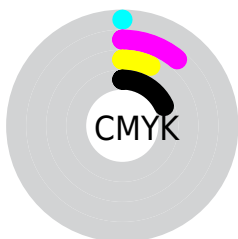
Distribution



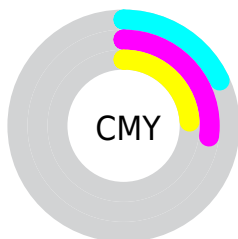
- Red (82%)
- Green (73%)
- Blue (76%)



- Red (82%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9910, 0.3256, 0.3207 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 52.9910, 0.3256, 0.3207 by changing the saturation by 10% instead.


 52.9910, 0.3256,
0.3207

 52.9910, 0.3256,
0.3207


398.2506, 0.3193,
0.3248

 37.7956, 0.3271,
0.3197


 94.5911, 0.3233,
0.3222

 25.8241, 0.3291,
0.3185


121.7646, 0.3225,
0.3227

 16.6921, 0.3316,
0.3168


153.6996, 0.3218,
0.3232

 10.0152, 0.3351,
0.3146

190.7805, 0.3211,
0.3236

 5.4090, 0.3402,
0.3114

233.3916, 0.3206,
0.3239

 2.4892, 0.3483,
0.3062

281.9174, 0.3201,

 0.8712, 0.3630,

0.3242

0.2970

336.7423, 0.3197,
0.3245

0.0000, 0.0000,
0.0000

52.9910, 0.3256,
0.3207

52.9910, 0.3256,
0.3207

44.1524, 0.3407,
0.3123

63.1858, 0.3133,
0.3286

36.6058, 0.3591,
0.3037

74.7837, 0.3032,
0.3359

30.2923, 0.3814,
0.2951

87.8376, 0.2950,
0.3427

25.1455, 0.4079,
0.2873

92.0340, 0.2876,
0.3331

21.0928, 0.4386,
0.2811

92.2929, 0.2855,
0.3289

■ 18.0534, 0.4727,
0.2777

■ 15.9352, 0.5083,
0.2782

■ 14.6290, 0.5425,
0.2835

■ 13.9546, 0.5714,
0.2921

Harmonies

Analogous

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



52.9910, 0.3138, 0.3126



52.9910, 0.3256, 0.3207



52.9910, 0.3340, 0.3310

Triad

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



52.9910, 0.3256, 0.3207



52.9910, 0.3233, 0.3501



52.9910, 0.2895, 0.3164

Complementary

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



52.9910, 0.3256, 0.3207



60.4217, 0.3013, 0.3375

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.



52.9910, 0.2919, 0.3264



52.9910, 0.3256, 0.3207



52.9910, 0.3113, 0.3462

Square

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



52.9910, 0.3256, 0.3207



52.9910, 0.3326, 0.3481



52.9910, 0.2998, 0.3375



52.9910, 0.2931, 0.3100

Rectangle

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



52.9910, 0.3256, 0.3207



52.9910, 0.3364, 0.3379



52.9910, 0.2998, 0.3375



52.9910, 0.2896, 0.3194

Sweetspot

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



52.9933, 0.3256, 0.3207



94.8849, 0.3162, 0.3267



52.6560, 0.3080, 0.3029



20.0240, 0.3171, 0.3260



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.



52.9933, 0.3256, 0.3207



79.2735, 0.3293, 0.3185



54.2595, 0.3307, 0.3334



11.8695, 0.3241, 0.3216



8.6214, 0.5676, 0.2901



0.4964, 0.5150, 0.2611

Inverse Universe

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



52.9933, 0.3256, 0.3207



79.2735, 0.3293, 0.3185



58.9851, 0.2966, 0.3245



11.8695, 0.3241, 0.3216



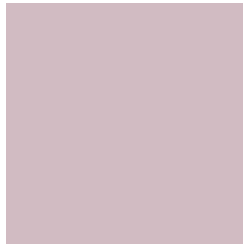
8.6214, 0.5676, 0.2901



0.4964, 0.5150, 0.2611

Previews

White Background



This preview shows how the Yxy color 52.9910, 0.3256, 0.3207 looks on a white background.

Color Contrast Check

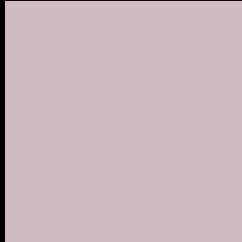
Large Text (above 18pt) WCAG AA × Fail

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 52.9910, 0.3256, 0.3207 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 52.9910, 0.3256, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 52.9910, 0.3256, 0.3207.



This preview shows how white text looks on a background with the Yxy color 52.9910, 0.3256, 0.3207.

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

52.9910, 0.3256, 0.3207

Protanopia

53.3326, 0.3114, 0.3229

Deuteranopia

53.1373, 0.3265, 0.3207



Tritanopia

53.0365, 0.3210, 0.3114

Trichromacy



Original Color

52.9910, 0.3256, 0.3207

Protanomaly

53.0918, 0.3163, 0.3217

Deuteranomaly

53.1373, 0.3265, 0.3207

Tritanomaly

52.8967, 0.3234, 0.3149

Monochromacy



Original Color

52.9910, 0.3256, 0.3207

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2988, 0.3170, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9910, 0.3256, 0.3207 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(209, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 187, 194)  
}
```

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(209, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 187, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.9910, 0.3256, 0.3207 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(209, 187, 194) }
```

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

```
.border{ border-color:rgb(209, 187, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 187,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9910, 0.3256, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 187, 194) }
```

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

```
.background{ background-color: rgb(209,  
187, 194) }
```

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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