

Converting Colors

$Yxy(52.9213, 0.3260, 0.3138)$

Have a look what the booklet for
Yxy(52.9213, 0.3260, 0.3138)
contains.

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Color

Yxy(52.9213, 0.3260, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	D5B9C6
RGB	213, 185, 198
RGB Percent	84%, 73%, 78%
CMY	0.1648, 0.2745, 0.2235
CMYK	0.00, 0.13, 0.07, 0.16
HSL	332°, 25%, 78%
HSV	332°, 13%, 84%
XYZ	54.9788, 52.9213, 60.7465
YIQ	194.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

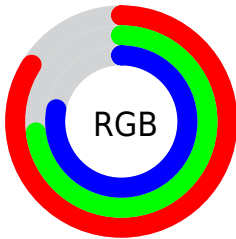
Format	Color
R _Y B	213, 185, 198
Decimal	14006726
CIE Lab	77.83, 12.17, -2.87
CIE LCh	78, 12.504, 346.720
Yxy	52.9213, 0.3260, 0.3138
Android (android.graphics.Color)	4292196806 (0xFFD5B9C6)
YUV	194.8540, 1.5510, 15.9140
Hunter-Lab	72.7470, 7.5946, 1.4135

Details

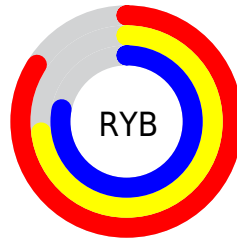
The Yxy color **52.9213, 0.3260, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0642, 0.3012, 0.3447**, and the grayscale version is **54.4672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **25.7852, 0.3296, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **44.1627, 0.3386, 0.3016**, and if you desaturate by 10%, it is **63.0590, 0.3156, 0.3255**.

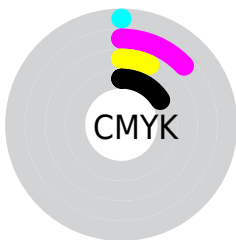
Distribution



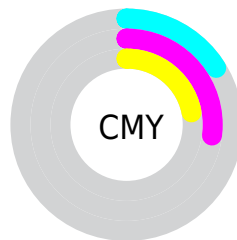
- Red (84%)
- Green (73%)
- Blue (78%)



- Red (84%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9213, 0.3260, 0.3138 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 52.9213, 0.3260, 0.3138 by changing the saturation by 10% instead.


 52.9213, 0.3260,
0.3138

 52.9213, 0.3260,
0.3138


397.9831, 0.3195,
0.3212

 37.7399, 0.3276,
0.3120


 94.4886, 0.3237,
0.3164

 25.7809, 0.3295,
0.3098


121.6432, 0.3228,
0.3174

 16.6598, 0.3321,
0.3069


153.5578, 0.3221,
0.3183

 9.9922, 0.3356,
0.3029

190.6167, 0.3214,
0.3190

 5.3938, 0.3407,
0.2973

233.2043, 0.3209,
0.3197

 2.4801, 0.3487,
0.2885

281.7050, 0.3204,

 0.8667, 0.3630,

0.3202

0.2729

336.5031, 0.3199,
0.3207

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9213, 0.3260,
0.3138

52.9213, 0.3260,
0.3138

44.1627, 0.3386,
0.3016

63.0590, 0.3156,
0.3255

36.7162, 0.3537,
0.2890

74.6250, 0.3070,
0.3364

30.5197, 0.3716,
0.2768

87.6750, 0.2999,
0.3466

25.5030, 0.3925,
0.2657

92.1717, 0.2937,
0.3407

■ 21.5893, 0.4162,
0.2567

■ 92.8833, 0.2877,
0.3289

■ 18.6924, 0.4420,
0.2511

■ 16.7130, 0.4690,
0.2501

■ 15.5315, 0.4956,
0.2545

■ 15.0433, 0.5130,
0.2600

Harmonies

Analogous

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



52.9213, 0.3091, 0.3042



52.9213, 0.3260, 0.3138



52.9213, 0.3396, 0.3273

Triad

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



52.9213, 0.3260, 0.3138



52.9213, 0.3317, 0.3584



52.9213, 0.2808, 0.3150

Complementary

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



52.9213, 0.3260, 0.3138



62.0642, 0.3012, 0.3447

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.



52.9213, 0.2865, 0.3299



52.9213, 0.3260, 0.3138



52.9213, 0.3156, 0.3556

Square

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



52.9213, 0.3260, 0.3138



52.9213, 0.3428, 0.3531



52.9213, 0.2991, 0.3449



52.9213, 0.2833, 0.3045

Rectangle

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



52.9213, 0.3260, 0.3138



52.9213, 0.3447, 0.3370



52.9213, 0.2991, 0.3449



52.9213, 0.2818, 0.3197

Sweetspot

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



52.9236, 0.3260, 0.3138



93.3171, 0.3165, 0.3245



51.7755, 0.3037, 0.2957



19.7131, 0.3172, 0.3236



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.



52.9236, 0.3260, 0.3138



75.3466, 0.3296, 0.3101



52.7408, 0.3364, 0.3302



12.5159, 0.3219, 0.3182



9.2111, 0.5096, 0.2581



0.5722, 0.4686, 0.2355

Inverse Universe

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



52.9236, 0.3260, 0.3138



75.3466, 0.3296, 0.3101



62.2302, 0.2928, 0.3278



12.5159, 0.3219, 0.3182



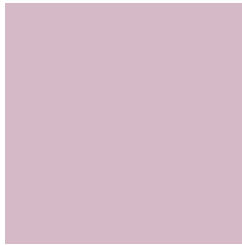
9.2111, 0.5096, 0.2581



0.5722, 0.4686, 0.2355

Previews

White Background



This preview shows how the Yxy color 52.9213, 0.3260, 0.3138 looks on a white background.

Color Contrast Check

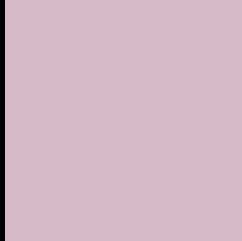
Large Text (above 18pt) WCAG AA × Fail

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 52.9213, 0.3260, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

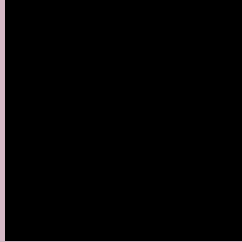
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9213, 0.3260, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 52.9213, 0.3260, 0.3138.



This preview shows how white text looks on a background with the Yxy color 52.9213, 0.3260, 0.3138.

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

52.9213, 0.3260, 0.3138

Protanopia

52.8633, 0.3061, 0.3156

Deuteranopia

53.1732, 0.3225, 0.3160



Tritanopia

52.9676, 0.3252, 0.3126

Trichromacy



Original Color

52.9213, 0.3260, 0.3138

Protanomaly

52.8916, 0.3126, 0.3146

Deuteranomaly

52.8967, 0.3234, 0.3149

Tritanomaly

52.9676, 0.3252, 0.3126

Monochromacy



Original Color

52.9213, 0.3260, 0.3138

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8037, 0.3179, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9213, 0.3260, 0.3138 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(213, 185, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 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(213, 185, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 198) }
```

Border

The CSS property to change the border of an element to Yxy 52.9213, 0.3260, 0.3138 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(213, 185, 198) }
```

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

```
.border{ border-color:rgb(213, 185, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 185, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 185, 198); box-shadow:4px 4px 4px 4px rgb(213, 185, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9213, 0.3260, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 198) }
```

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

```
.background{ background-color: rgb(213,  
185, 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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