

Converting Colors

$Y_{xy}(53.7013, 0.3202, 0.3103)$

Have a look what the booklet for
Yxy(53.7013, 0.3202, 0.3103)
contains.

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Color

Yxy(53.7013, 0.3202, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	D3BBCB
RGB	211, 187, 203
RGB Percent	83%, 73%, 80%
CMY	0.1725, 0.2667, 0.2039
CMYK	0.00, 0.11, 0.04, 0.17
HSL	320°, 21%, 78%
HSV	320°, 11%, 83%
XYZ	55.4146, 53.7013, 63.9466
YIQ	196.0000, 9.1680, 10.0640

Conversions

Conversions Part 2

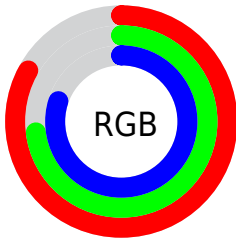
Format	Color
R_{YB}	211, 187, 203
Decimal	13876171
CIE _{Lab}	78.29, 11.29, -4.92
CIE _{LCh}	78, 12.317, 336.440
Yxy	53.7013, 0.3202, 0.3103
Android (android.graphics.Color)	4292066251 (0xFFD3BBCB)
YUV	196.0000, 3.4510, 13.1550
Hunter-Lab	73.2812, 6.7382, -0.4408

Details

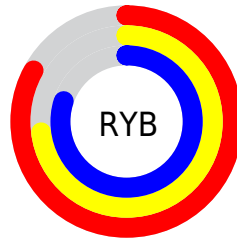
The Yxy color **53.7013, 0.3202, 0.3103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0959, 0.3059, 0.3485**, and the grayscale version is **55.1783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **26.2880, 0.3216, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **45.0709, 0.3281, 0.2931**, and if you desaturate by 10%, it is **63.6669, 0.3135, 0.3268**.

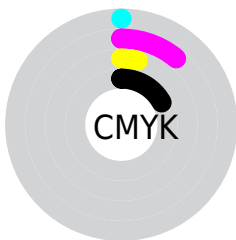
Distribution



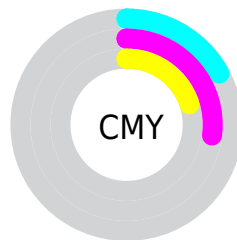
- Red (83%)
- Green (73%)
- Blue (80%)



- Red (83%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7013, 0.3202, 0.3103 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 53.7013, 0.3202, 0.3103 by changing the saturation by 10% instead.


 53.7013, 0.3202,
0.3103

 53.7013, 0.3202,
0.3103


400.9700, 0.3166,
0.3193

 38.3629, 0.3211,
0.3082


 95.6355, 0.3189,
0.3135

 26.2645, 0.3221,
0.3054


123.0002, 0.3184,
0.3147

 17.0216, 0.3235,
0.3019


155.1423, 0.3180,
0.3158

 10.2499, 0.3254,
0.2972

192.4464, 0.3177,
0.3167

 5.5650, 0.3280,
0.2905

235.2968, 0.3174,
0.3174

 2.5824, 0.3321,
0.2801

284.0780, 0.3171,

 0.9178, 0.3390,

0.3181

0.2623

339.1742, 0.3168,
0.3188

0.0000, 0.4092,
0.0000

0.0000, 0.0000,
0.0000

53.7013, 0.3202,
0.3103

53.7013, 0.3202,
0.3103

45.0709, 0.3281,
0.2931

63.6669, 0.3135,
0.3268

37.7115, 0.3373,
0.2757

75.0147, 0.3080,
0.3424

31.5638, 0.3478,
0.2585

87.7976, 0.3033,
0.3569

26.5611, 0.3598,
0.2426

91.1467, 0.2994,
0.3540

■ 22.6303, 0.3730,
0.2288

■ 91.5524, 0.2955,
0.3465

■ 19.6898, 0.3871,
0.2183

■ 91.9743, 0.2918,
0.3391

■ 17.6459, 0.4017,
0.2121

■ 92.4126, 0.2880,
0.3318

■ 16.3871, 0.4162,
0.2110

■ 92.5894, 0.2866,
0.3289

■ 15.7629, 0.4285,
0.2134

Harmonies

Analogous

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



53.7013, 0.3036, 0.3028



53.7013, 0.3202, 0.3103



53.7013, 0.3351, 0.3226

Triad

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



53.7013, 0.3202, 0.3103



53.7013, 0.3358, 0.3569



53.7013, 0.2824, 0.3200

Complementary

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



53.7013, 0.3202, 0.3103



61.0959, 0.3059, 0.3485

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.



53.7013, 0.2906, 0.3351



53.7013, 0.3202, 0.3103



53.7013, 0.3213, 0.3569

Square

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



53.7013, 0.3202, 0.3103



53.7013, 0.3442, 0.3493



53.7013, 0.3047, 0.3489



53.7013, 0.2821, 0.3079

Rectangle

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



53.7013, 0.3202, 0.3103



53.7013, 0.3419, 0.3320



53.7013, 0.3047, 0.3489



53.7013, 0.2843, 0.3249

Sweetspot

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



53.7036, 0.3202, 0.3103



95.0527, 0.3146, 0.3241



51.7949, 0.3009, 0.3001



20.0692, 0.3151, 0.3228



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.



53.7036, 0.3202, 0.3103



78.5569, 0.3223, 0.3056



53.1710, 0.3294, 0.3238



11.9393, 0.3188, 0.3136



9.5322, 0.4265, 0.2123



0.5474, 0.4023, 0.1990

Inverse Universe

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



53.7036, 0.3202, 0.3103



78.5569, 0.3223, 0.3056



61.6413, 0.2982, 0.3342



11.9393, 0.3188, 0.3136



9.5322, 0.4265, 0.2123



0.5474, 0.4023, 0.1990

Previews

White Background



This preview shows how the Yxy color 53.7013, 0.3202, 0.3103 looks on a white background.

Color Contrast Check

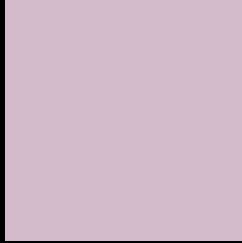
Large Text (above 18pt) WCAG AA × Fail

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 53.7013, 0.3202, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

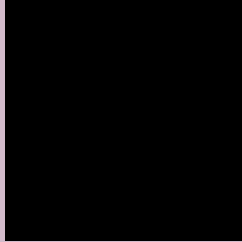
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7013, 0.3202, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 53.7013, 0.3202, 0.3103.



This preview shows how white text looks on a background with the Yxy color 53.7013, 0.3202, 0.3103.

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

53.7013, 0.3202, 0.3103

Protanopia

54.0655, 0.3040, 0.3133

Deuteranopia

53.6881, 0.3176, 0.3113



Tritanopia

53.6538, 0.3210, 0.3115

Trichromacy



Original Color

53.7013, 0.3202, 0.3103

Protanomaly

53.9487, 0.3095, 0.3123

Deuteranomaly

53.8335, 0.3185, 0.3114

Tritanomaly

53.6538, 0.3210, 0.3115

Monochromacy



Original Color

53.7013, 0.3202, 0.3103

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6810, 0.3147, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7013, 0.3202, 0.3103 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, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(211, 187, 203)  
}
```

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, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 187, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.7013, 0.3202, 0.3103 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, 187, 203) }
```

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

```
.border{ border-color:rgb(211, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(211, 187,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7013, 0.3202, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 187, 203) }
```

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

```
.background{ background-color: rgb(211,  
187, 203) }
```

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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