

Converting Colors

Yxy(55.2667, 0.3209, 0.3151)

Have a look what the booklet for
Yxy(55.2667, 0.3209, 0.3151)
contains.

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Color

Yxy(55.0882, 0.3215, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	D4BECA
RGB	212, 190, 202
RGB Percent	83%, 75%, 79%
CMY	0.1687, 0.2549, 0.2077
CMYK	0.00, 0.10, 0.05, 0.17
HSL	327°, 20%, 79%
HSV	327°, 10%, 83%
XYZ	56.2249, 55.0882, 63.5700
YIQ	197.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

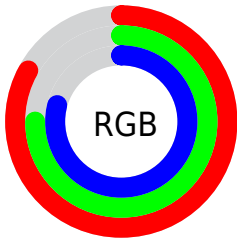
Format	Color
R _Y B	212, 190, 202
Decimal	13942474
CIE Lab	79.09, 9.85, -3.21
CIE LCh	79, 10.356, 341.965
Yxy	55.0882, 0.3215, 0.3150
Android (android.graphics.Color)	4292132554 (0xFFD4BECA)
YUV	197.9460, 1.9986, 12.3254
Hunter-Lab	74.2214, 5.3316, 1.1736

Details

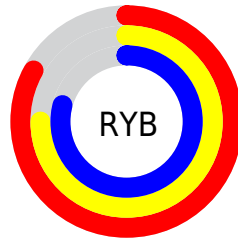
The Yxy color **55.0882, 0.3215, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1939, 0.3048, 0.3434**, and the grayscale version is **56.4221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **27.1975, 0.3234, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **46.1250, 0.3317, 0.3008**, and if you desaturate by 10%, it is **65.4200, 0.3130, 0.3285**.

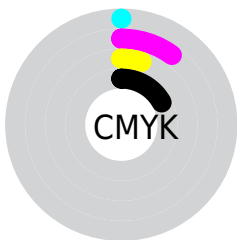
Distribution



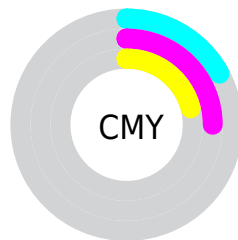
- Red (83%)
- Green (75%)
- Blue (79%)



- Red (83%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (17%)




- Cyan (17%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0882, 0.3215, 0.3150 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 55.0882, 0.3215, 0.3150 by changing the saturation by 10% instead.

 55.0882, 0.3215,
0.3150

 55.0882, 0.3215,
0.3150


406.2462, 0.3173,
0.3217

 39.4723, 0.3225,
0.3134


 97.6702, 0.3200,
0.3174

 27.1274, 0.3238,
0.3114


125.4051, 0.3194,
0.3183

 17.6689, 0.3254,
0.3087


157.9484, 0.3189,
0.3191

 10.7125, 0.3277,
0.3052

195.6847, 0.3185,
0.3198

 5.8739, 0.3309,
0.3002

238.9982, 0.3181,
0.3204

 2.7685, 0.3358,
0.2924

288.2733, 0.3178,

 1.0121, 0.3445,

0.3209

0.2790

343.8945, 0.3175,
0.3213

0.0000, 0.5581,
0.0000

0.0000, 0.0000,
0.0000

55.0882, 0.3215,
0.3150

55.0882, 0.3215,
0.3150

46.1250, 0.3317,
0.3008

65.4200, 0.3130,
0.3285

38.4652, 0.3439,
0.2862

77.1676, 0.3059,
0.3412

32.0492, 0.3582,
0.2718

90.3847, 0.3001,
0.3529

26.8097, 0.3747,
0.2583

91.8299, 0.2949,
0.3441

■ 22.6733, 0.3934,
0.2467

■ 92.4164, 0.2898,
0.3341

■ 19.5578, 0.4139,
0.2382

■ 92.7344, 0.2871,
0.3289

■ 17.3698, 0.4355,
0.2340

■ 15.9981, 0.4572,
0.2350

■ 15.2568, 0.4776,
0.2405

Harmonies

Analogous

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



55.0882, 0.3076, 0.3078



55.0882, 0.3215, 0.3150



55.0882, 0.3332, 0.3258

Triad

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



55.0882, 0.3215, 0.3150



55.0882, 0.3300, 0.3528



55.0882, 0.2868, 0.3194

Complementary

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



55.0882, 0.3215, 0.3150



62.1939, 0.3048, 0.3434

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.



55.0882, 0.2926, 0.3318



55.0882, 0.3215, 0.3150



55.0882, 0.3174, 0.3514

Square

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



55.0882, 0.3215, 0.3150



55.0882, 0.3382, 0.3476



55.0882, 0.3037, 0.3437



55.0882, 0.2878, 0.3100

Rectangle

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



55.0882, 0.3215, 0.3150



55.0882, 0.3381, 0.3338



55.0882, 0.3037, 0.3437



55.0882, 0.2880, 0.3234

Sweetspot

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



55.0906, 0.3215, 0.3150



94.9948, 0.3151, 0.3250



53.8477, 0.3043, 0.3029



20.0536, 0.3158, 0.3239



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.



55.0906, 0.3215, 0.3150



81.1466, 0.3232, 0.3125



54.5908, 0.3301, 0.3278



12.5334, 0.3206, 0.3163



9.4410, 0.4748, 0.2389



0.5860, 0.4410, 0.2203

Inverse Universe

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



55.0906, 0.3215, 0.3150



81.1466, 0.3232, 0.3125



62.7234, 0.2976, 0.3303



12.5334, 0.3206, 0.3163



9.4410, 0.4748, 0.2389



0.5860, 0.4410, 0.2203

Previews

White Background



This preview shows how the Yxy color 55.0882, 0.3215, 0.3150 looks on a white background.

Color Contrast Check

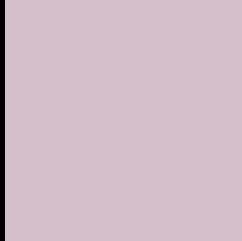
Large Text (above 18pt) WCAG AA × Fail

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 55.0882, 0.3215, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

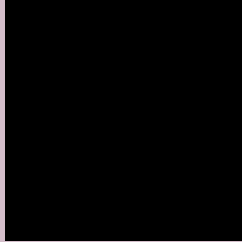
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0882, 0.3215, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 55.0882, 0.3215, 0.3150.



This preview shows how white text looks on a background with the Yxy color 55.0882, 0.3215, 0.3150.

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

55.0882, 0.3215, 0.3150

Protanopia

55.3083, 0.3070, 0.3170

Deuteranopia

55.0882, 0.3215, 0.3150



Tritanopia

55.1836, 0.3200, 0.3127

Trichromacy



Original Color

55.0882, 0.3215, 0.3150

Protanomaly

55.0561, 0.3117, 0.3159

Deuteranomaly

55.0882, 0.3215, 0.3150

Tritanomaly

55.1358, 0.3208, 0.3139

Monochromacy



Original Color

55.0882, 0.3215, 0.3150

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8502, 0.3161, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0882, 0.3215, 0.3150 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(212, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 190, 202)  
}
```

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(212, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 190, 202) }
```

Border

The CSS property to change the border of an element to Yxy 55.0882, 0.3215, 0.3150 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(212, 190, 202) }
```

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

```
.border{ border-color:rgb(212, 190, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 190, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 190,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0882, 0.3215, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 190, 202) }
```

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

```
.background{ background-color: rgb(212,  
190, 202) }
```

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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