

Converting Colors

Yxy(55.2151, 0.3195, 0.3167)

Have a look what the booklet for
Yxy(55.2151, 0.3195, 0.3167)
contains.

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Color

Yxy(55.0812, 0.3190, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	D1BFCA
RGB	209, 191, 202
RGB Percent	82%, 75%, 79%
CMY	0.1804, 0.2510, 0.2078
CMYK	0.00, 0.09, 0.03, 0.18
HSL	323°, 16%, 78%
HSV	323°, 9%, 82%
XYZ	55.5865, 55.0812, 63.5847
YIQ	197.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

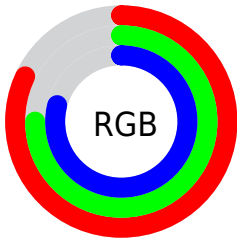
Format	Color
R_{YB}	209, 191, 202
Decimal	13746122
CIE Lab	79.09, 8.27, -3.23
CIE LCh	79, 8.877, 338.690
Yxy	55.0812, 0.3190, 0.3161
Android (android.graphics.Color)	4291936202 (0xFFD1BFCA)
YUV	197.6360, 2.1515, 9.9662
Hunter-Lab	74.2167, 3.8130, 1.1553

Details

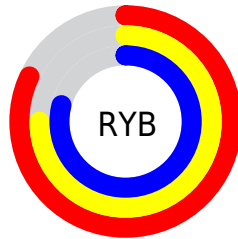
The Yxy color **55.0812, 0.3190, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7547, 0.3069, 0.3423**, and the grayscale version is **56.2245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **27.2836, 0.3211, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **46.2341, 0.3276, 0.3004**, and if you desaturate by 10%, it is **65.2540, 0.3118, 0.3310**.

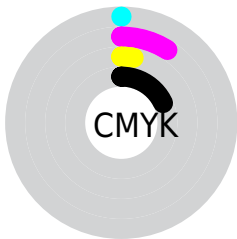
Distribution



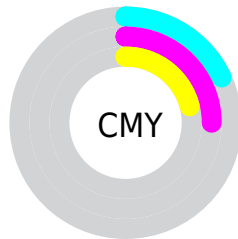
- Red (82%)
- Green (75%)
- Blue (79%)



- Red (82%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0812, 0.3190, 0.3161 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 55.0812, 0.3190, 0.3161 by changing the saturation by 10% instead.


 55.0812, 0.3190,
0.3161

 55.0812, 0.3190,
0.3161

406.2197, 0.3160,
0.3223

 39.4667, 0.3197,
0.3146


 97.6599, 0.3179,
0.3183

 27.1230, 0.3206,
0.3127


125.3930, 0.3175,
0.3192

 17.6656, 0.3218,
0.3103


157.9343, 0.3172,
0.3199

 10.7102, 0.3234,
0.3070

195.6684, 0.3169,
0.3205

 5.8723, 0.3257,
0.3024

238.9796, 0.3166,
0.3210

 2.7676, 0.3292,
0.2952

288.2522, 0.3164,

 1.0116, 0.3352,

0.3215

0.2827

343.8708, 0.3162,
0.3219

0.0000, 0.4781,
0.0000

0.0000, 0.0000,
0.0000

55.0812, 0.3190,
0.3161

55.0812, 0.3190,
0.3161

46.2341, 0.3276,
0.3004

65.2540, 0.3118,
0.3310

38.6506, 0.3378,
0.2843

76.7973, 0.3058,
0.3450

32.2738, 0.3496,
0.2683

89.7624, 0.3008,
0.3580

27.0401, 0.3633,
0.2531

91.0435, 0.2964,
0.3505

■ 22.8798, 0.3786,
0.2397

■ 91.5221, 0.2920,
0.3419

■ 19.7156, 0.3953,
0.2293

■ 92.0224, 0.2877,
0.3334

■ 17.4597, 0.4129,
0.2229

■ 92.2953, 0.2855,
0.3289

■ 16.0086, 0.4307,
0.2215

■ 15.2020, 0.4482,
0.2250

Harmonies

Analogous

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



55.0812, 0.3071, 0.3103



55.0812, 0.3190, 0.3161



55.0812, 0.3294, 0.3252

Triad

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



55.0812, 0.3190, 0.3161



55.0812, 0.3286, 0.3491



55.0812, 0.2907, 0.3219

Complementary

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



55.0812, 0.3190, 0.3161



60.7547, 0.3069, 0.3423

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.



55.0812, 0.2963, 0.3326



55.0812, 0.3190, 0.3161



55.0812, 0.3180, 0.3486

Square

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



55.0812, 0.3190, 0.3161



55.0812, 0.3349, 0.3442



55.0812, 0.3062, 0.3425



55.0812, 0.2909, 0.3135

Rectangle

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



55.0812, 0.3190, 0.3161



55.0812, 0.3339, 0.3320



55.0812, 0.3062, 0.3425



55.0812, 0.2920, 0.3254

Sweetspot

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



55.0836, 0.3190, 0.3161



95.0259, 0.3148, 0.3245



53.8595, 0.3049, 0.3075



20.0620, 0.3154, 0.3233



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.



55.0836, 0.3190, 0.3161



84.1741, 0.3202, 0.3138



54.6737, 0.3259, 0.3266



11.9280, 0.3196, 0.3149



9.3357, 0.4482, 0.2243



0.5373, 0.4188, 0.2081

Inverse Universe

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



55.0836, 0.3190, 0.3161



84.1741, 0.3202, 0.3138



61.1779, 0.3009, 0.3315



11.9280, 0.3196, 0.3149



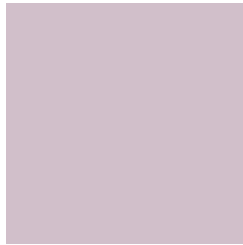
9.3357, 0.4482, 0.2243



0.5373, 0.4188, 0.2081

Previews

White Background



This preview shows how the Yxy color 55.0812, 0.3190, 0.3161 looks on a white background.

Color Contrast Check

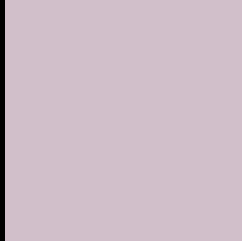
Large Text (above 18pt) WCAG AA × Fail

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 55.0812, 0.3190, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

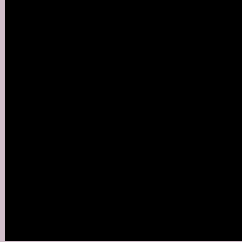
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0812, 0.3190, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 55.0812, 0.3190, 0.3161.



This preview shows how white text looks on a background with the Yxy color 55.0812, 0.3190, 0.3161.

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

55.0812, 0.3190, 0.3161

Protanopia

55.2602, 0.3077, 0.3182

Deuteranopia

55.0882, 0.3215, 0.3150



Tritanopia

54.7900, 0.3168, 0.3115

Trichromacy



Original Color

55.0812, 0.3190, 0.3161

Protanomaly

55.3129, 0.3116, 0.3183

Deuteranomaly

54.9401, 0.3207, 0.3150

Tritanomaly

54.7419, 0.3176, 0.3126

Monochromacy



Original Color

55.0812, 0.3190, 0.3161

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7103, 0.3153, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0812, 0.3190, 0.3161 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, 191, 202)` looks like.

```
.text, #text, p{  
    color:rgb(209, 191, 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(209, 191, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 191, 202) }
```

Border

The CSS property to change the border of an element to Yxy 55.0812, 0.3190, 0.3161 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, 191, 202) }
```

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

```
.border{ border-color:rgb(209, 191, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 191, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 191, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 191, 202); box-shadow:4px 4px 4px 4px rgb(209, 191, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0812, 0.3190, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 191, 202) }
```

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

```
.background{ background-color: rgb(209,  
191, 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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