

Converting Colors

Yxy(55.7524, 0.3181, 0.3164)

Have a look what the booklet for
Yxy(55.7524, 0.3181, 0.3164)
contains.

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Color

Yxy(55.5664, 0.3182, 0.3161)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D1C0CB |
| RGB | 209, 192, 203 |
| RGB Percent | 82%, 75%, 80% |
| CMY | 0.1802, 0.2471, 0.2039 |
| CMYK | 0.00, 0.08, 0.03, 0.18 |
| HSL | 321°, 16%, 79% |
| HSV | 321°, 8%, 82% |
| XYZ | 55.9356, 55.5664, 64.2855 |
| YIQ | 198.3370, 6.6010, 7.0250 |

Conversions

Conversions Part 2

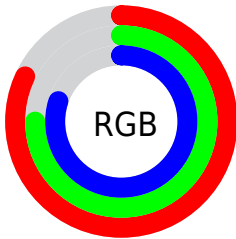
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 209, 192, 203 |
| Decimal | 13746379 |
| CIE Lab | 79.37, 7.94, -3.36 |
| CIE LCh | 79, 8.624, 337.085 |
| Yxy | 55.5664, 0.3182, 0.3161 |
| Android (android.graphics.Color) | 4291936459 (0xFFD1C0CB) |
| YUV | 198.3370, 2.2989, 9.3515 |
| Hunter-Lab | 74.5429, 3.4930, 1.0486 |

Details

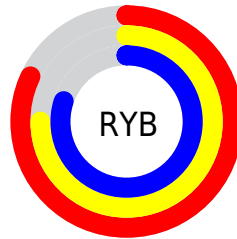
The Yxy color **55.5664, 0.3182, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9095, 0.3076, 0.3423**, and the grayscale version is **56.6755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **27.6037, 0.3200, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **46.6877, 0.3261, 0.2996**, and if you desaturate by 10%, it is **65.7707, 0.3116, 0.3318**.

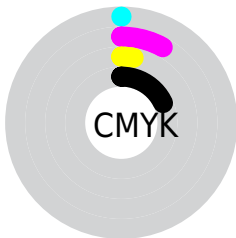
Distribution



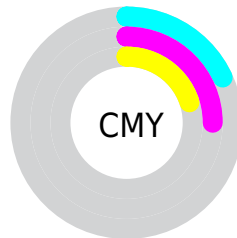
- Red (82%)
- Green (75%)
- Blue (80%)



- Red (82%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5664, 0.3182, 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 55.5664, 0.3182, 0.3161 by changing the saturation by 10% instead.


 55.5664, 0.3182,
0.3161

 55.5664, 0.3182,
0.3161


408.0554, 0.3156,
0.3223

 39.8554, 0.3188,
0.3146

 98.3703, 0.3173,
0.3183

 27.4258, 0.3196,
0.3128


126.2320, 0.3169,
0.3191

 17.8933, 0.3206,
0.3103


158.9127, 0.3166,
0.3199

 10.8734, 0.3220,
0.3071

196.7969, 0.3163,
0.3205

 5.9818, 0.3240,
0.3025

240.2688, 0.3161,
0.3210

 2.8340, 0.3269,
0.2954

289.7129, 0.3159,

 1.0457, 0.3321,

0.3215

0.2831

345.5137, 0.3157,
0.3219

0.0000, 0.4455,
0.0000

0.0000, 0.0000,
0.0000

55.5664, 0.3182,
0.3161

55.5664, 0.3182,
0.3161

46.6877, 0.3261,
0.2996

65.7707, 0.3116,
0.3318

39.0723, 0.3353,
0.2827

77.3449, 0.3061,
0.3466

32.6640, 0.3460,
0.2658

90.3404, 0.3014,
0.3603

27.3992, 0.3583,
0.2498

90.9431, 0.2974,
0.3525

■ 23.2086, 0.3720,
0.2356

■ 91.3738, 0.2934,
0.3446

■ 20.0152, 0.3869,
0.2244

■ 91.8224, 0.2895,
0.3368

■ 17.7319, 0.4025,
0.2171

■ 92.2891, 0.2856,
0.3291

■ 16.2563, 0.4183,
0.2147

■ 92.3029, 0.2855,
0.3289

■ 15.4367, 0.4337,
0.2172

Harmonies

Analogous

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



55.5664, 0.3067, 0.3107



55.5664, 0.3182, 0.3161



55.5664, 0.3284, 0.3248

Triad

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



55.5664, 0.3182, 0.3161



55.5664, 0.3285, 0.3484



55.5664, 0.2916, 0.3227

Complementary

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



55.5664, 0.3182, 0.3161



60.9095, 0.3076, 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.



55.5664, 0.2972, 0.3331



55.5664, 0.3182, 0.3161



55.5664, 0.3185, 0.3481

Square

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



55.5664, 0.3182, 0.3161



55.5664, 0.3344, 0.3434



55.5664, 0.3070, 0.3425



55.5664, 0.2915, 0.3143

Rectangle

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



55.5664, 0.3182, 0.3161



55.5664, 0.3330, 0.3314



55.5664, 0.3070, 0.3425



55.5664, 0.2929, 0.3261

Sweetspot

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



55.5688, 0.3182, 0.3161



96.6734, 0.3140, 0.3259



54.2997, 0.3049, 0.3086



20.7269, 0.3139, 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.



55.5688, 0.3182, 0.3161



84.2282, 0.3196, 0.3129



55.1760, 0.3247, 0.3260



11.9351, 0.3191, 0.3141



9.4567, 0.4344, 0.2167



0.5435, 0.4084, 0.2023

Inverse Universe

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



55.5688, 0.3182, 0.3161



84.2282, 0.3196, 0.3129



61.3114, 0.3019, 0.3320



11.9351, 0.3191, 0.3141



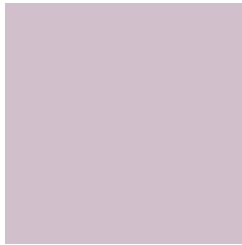
9.4567, 0.4344, 0.2167



0.5435, 0.4084, 0.2023

Previews

White Background



This preview shows how the Yxy color 55.5664, 0.3182, 0.3161 looks on a white background.

Color Contrast Check

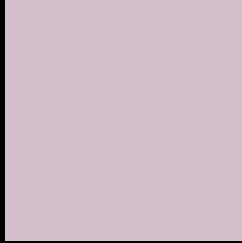
Large Text (above 18pt) WCAG AA × Fail

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 55.5664, 0.3182, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

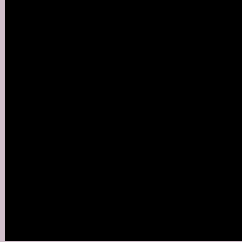
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

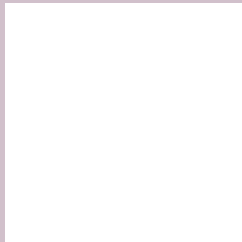
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5664, 0.3182, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 55.5664, 0.3182, 0.3161.



This preview shows how white text looks on a background with the Yxy color 55.5664, 0.3182, 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

55.5664, 0.3182, 0.3161

Protanopia

55.8934, 0.3077, 0.3182

Deuteranopia

55.7195, 0.3215, 0.3151



Tritanopia

55.4195, 0.3168, 0.3115

Trichromacy



Original Color

55.5664, 0.3182, 0.3161

Protanomaly

55.9464, 0.3116, 0.3183

Deuteranomaly

55.5704, 0.3207, 0.3151

Tritanomaly

55.3710, 0.3175, 0.3127

Monochromacy



Original Color

55.5664, 0.3182, 0.3161

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2065, 0.3145, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5664, 0.3182, 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, 192, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 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(209, 192, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 203) }
```

Border

The CSS property to change the border of an element to Yxy 55.5664, 0.3182, 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, 192, 203) }
```

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

```
.border{ border-color:rgb(209, 192, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5664, 0.3182, 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, 192, 203) }
```

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

```
.background{ background-color: rgb(209,  
192, 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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