

Converting Colors

Yxy(54.8992, 0.3051, 0.3122)

Have a look what the booklet for
Yxy(54.8992, 0.3051, 0.3122)
contains.

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Color

Yxy(55.0080, 0.3048, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2D0
RGB	197, 194, 208
RGB Percent	77%, 76%, 82%
CMY	0.2275, 0.2392, 0.1842
CMYK	0.05, 0.07, 0.00, 0.18
HSL	253°, 13%, 79%
HSV	253°, 7%, 82%
XYZ	53.7042, 55.0080, 67.4826
YIQ	196.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

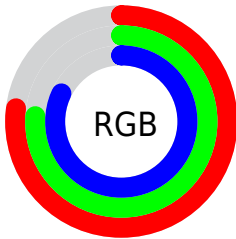
Format	Color
R _Y B	197, 194, 208
Decimal	12960464
CIE Lab	79.05, 3.68, -6.65
CIE LCh	79, 7.597, 298.954
Yxy	55.0080, 0.3048, 0.3122
Android (android.graphics.Color)	4291150544 (0xFFC5C2D0)
YUV	196.4930, 5.6730, 0.4446
Hunter-Lab	74.1674, -0.5421, -2.0290

Details

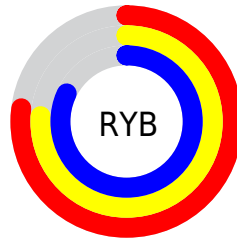
The Yxy color **55.0080, 0.3048, 0.3122** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0093, 0.3203, 0.3455**, and the grayscale version is **55.4814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6620, 0.3123, 0.3242**, and **26.9289, 0.3021, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **44.2975, 0.2916, 0.2849**, and if you desaturate by 10%, it is **67.2595, 0.3163, 0.3366**.

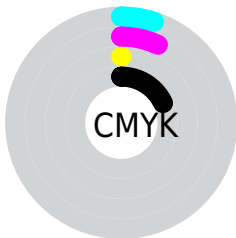
Distribution



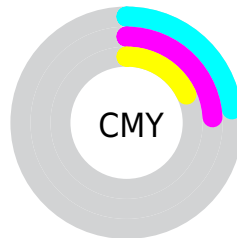
- Red (77%)
- Green (76%)
- Blue (82%)



- Red (77%)
- Yellow (76%)
- Blue (82%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0080, 0.3048, 0.3122 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 55.0080, 0.3048, 0.3122 by changing the saturation by 10% instead.

■ 55.0080, 0.3048,
0.3122

■ 55.0080, 0.3048,
0.3122

405.9423, 0.3087,
0.3203

■ 39.4081, 0.3039,
0.3103

■ 97.5527, 0.3062,
0.3151

■ 27.0774, 0.3027,
0.3078

125.2663, 0.3067,
0.3162

■ 17.6313, 0.3011,
0.3046

157.7866, 0.3072,
0.3171

■ 10.6856, 0.2990,
0.3004

195.4979, 0.3075,
0.3179

■ 5.8559, 0.2959,
0.2942

238.7848, 0.3079,
0.3186

■ 2.7576, 0.2910,
0.2848

288.0315, 0.3082,

■ 1.0065, 0.2822,

0.3193

0.2685

343.6226, 0.3084,
0.3198

0.0000, 0.0000,
0.0000

55.0080, 0.3048,
0.3122

55.0080, 0.3048,
0.3122

44.2975, 0.2916,
0.2849

67.2595, 0.3163,
0.3366

35.0599, 0.2765,
0.2549

81.1028, 0.3261,
0.3583

27.2321, 0.2598,
0.2227

95.6890, 0.3347,
0.3759

20.7440, 0.2418,
0.1894

97.3357, 0.3405,
0.3750

15.5190, 0.2231,
0.1565

■ 11.4731, 0.2048,
0.1260

■ 8.5115, 0.1880,
0.1002

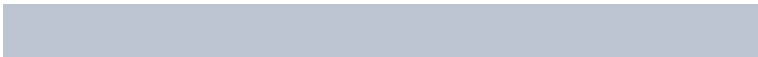
■ 6.5246, 0.1738,
0.0808

■ 5.3714, 0.1632,
0.0687

Harmonies

Analogous

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



55.0080, 0.2970, 0.3128



55.0080, 0.3048, 0.3122



55.0080, 0.3148, 0.3159

Triad

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



55.0080, 0.3048, 0.3122



55.0080, 0.3324, 0.3399



55.0080, 0.3011, 0.3350

Complementary

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



55.0080, 0.3048, 0.3122



62.0093, 0.3203, 0.3455

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.



55.0080, 0.3104, 0.3426



55.0080, 0.3048, 0.3122



55.0080, 0.3286, 0.3453

Square

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



55.0080, 0.3048, 0.3122



55.0080, 0.3309, 0.3317



55.0080, 0.3205, 0.3464



55.0080, 0.2949, 0.3259

Rectangle

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



55.0080, 0.3048, 0.3122



55.0080, 0.3214, 0.3204



55.0080, 0.3205, 0.3464



55.0080, 0.3039, 0.3379

Sweetspot

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



55.0103, 0.3048, 0.3122



96.0357, 0.3104, 0.3241



59.7974, 0.3024, 0.3256



20.5971, 0.3105, 0.3243



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.



55.0103, 0.3048, 0.3122



84.7488, 0.3031, 0.3087



55.9538, 0.3102, 0.3125



11.5373, 0.3014, 0.3052



3.2104, 0.1614, 0.0663



0.2148, 0.1796, 0.0763

Inverse Universe

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



56.4103, 0.3157, 0.3161



87.3912, 0.3163, 0.3135



61.0582, 0.3151, 0.3457



11.9641, 0.3170, 0.3109



10.0365, 0.3829, 0.1883



0.5722, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 55.0080, 0.3048, 0.3122 looks on a white background.

Color Contrast Check

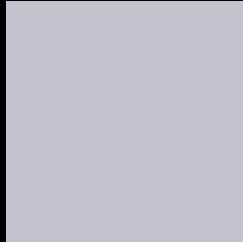
Large Text (above 18pt) WCAG AA × Fail

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 55.0080, 0.3048, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

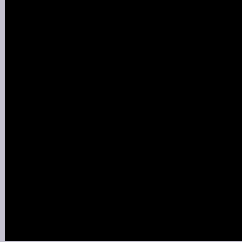
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

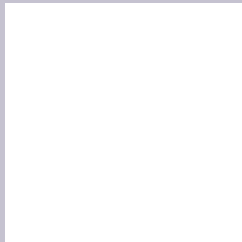
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0080, 0.3048, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 55.0080, 0.3048, 0.3122.

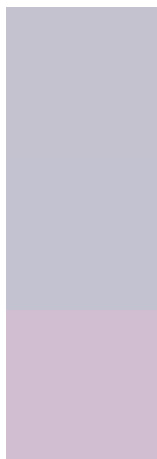


This preview shows how white text looks on a background with the Yxy color 55.0080, 0.3048, 0.3122.

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

55.0080, 0.3048, 0.3122

Protanopia

54.7397, 0.3033, 0.3122

Deuteranopia

54.9857, 0.3138, 0.3069



Tritanopia

55.0573, 0.3041, 0.3111

Trichromacy



Original Color

55.0080, 0.3048, 0.3122

Protanomaly

54.8734, 0.3041, 0.3122

Deuteranomaly

54.8442, 0.3105, 0.3078

Tritanomaly

55.0573, 0.3041, 0.3111

Monochromacy



Original Color

55.0080, 0.3048, 0.3122

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9361, 0.3098, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0080, 0.3048, 0.3122 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(197, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 208)  
}
```

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(197, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.0080, 0.3048, 0.3122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

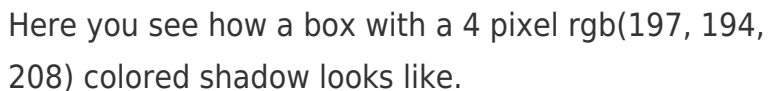
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 194, 208) }
```

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

```
.border{ border-color:rgb(197, 194, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0080, 0.3048, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 208) }
```

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

```
.background{ background-color: rgb(197,  
194, 208) }
```

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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