

Converting Colors

$Y_{xy}(55.2744, 0.3039, 0.3137)$

Have a look what the booklet for
Yxy(55.2744, 0.3039, 0.3137)
contains.

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Color

Yxy(55.3200, 0.3040, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C4C3D0
RGB	196, 195, 208
RGB Percent	77%, 76%, 82%
CMY	0.2315, 0.2352, 0.1842
CMYK	0.06, 0.06, 0.00, 0.18
HSL	244°, 12%, 79%
HSV	244°, 6%, 82%
XYZ	53.6608, 55.3200, 67.5349
YIQ	196.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

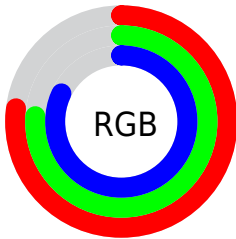
Format	Color
R _Y B	196, 195, 208
Decimal	12895184
CIE Lab	79.23, 2.79, -6.38
CIE LCh	79, 6.966, 293.637
Yxy	55.3200, 0.3040, 0.3134
Android (android.graphics.Color)	4291085264 (0xFFC4C3D0)
YUV	196.7810, 5.5310, -0.6849
Hunter-Lab	74.3774, -1.3789, -1.7713

Details

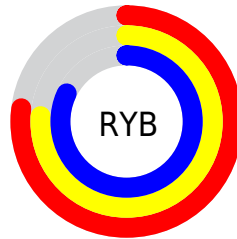
The Yxy color **55.3200, 0.3040, 0.3134** is a light color, and the websafe version is hex **CCCCCC**, and the color name is **lavender gray**. A complement of this color would be **62.3353, 0.3212, 0.3442**, and the grayscale version is **55.6628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7235, 0.3116, 0.3261**, and **27.1336, 0.3011, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **44.2204, 0.2884, 0.2858**, and if you desaturate by 10%, it is **68.0548, 0.3176, 0.3378**.

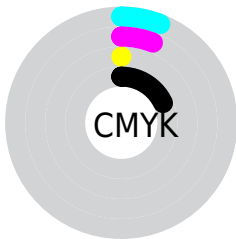
Distribution



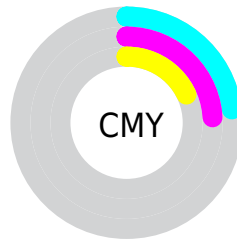
- Red (77%)
- Green (76%)
- Blue (82%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3200, 0.3040, 0.3134 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 55.3200, 0.3040, 0.3134 by changing the saturation by 10% instead.

■ 55.3200, 0.3040,
0.3134

■ 55.3200, 0.3040,
0.3134

407.1238, 0.3083,
0.3209

■ 39.6580, 0.3030,
0.3116

■ 98.0096, 0.3055,
0.3161

■ 27.2720, 0.3017,
0.3093

125.8061, 0.3061,
0.3171

■ 17.7776, 0.3000,
0.3064

158.4161, 0.3066,
0.3180

■ 10.7904, 0.2976,
0.3024

196.2241, 0.3070,
0.3187

■ 5.9261, 0.2943,
0.2967

239.6144, 0.3074,
0.3194

■ 2.8002, 0.2890,
0.2879

288.9716, 0.3077,

■ 1.0283, 0.2796,

0.3200

0.2727

344.6799, 0.3080,
0.3205

0.0000, 0.0000,
0.0000

55.3200, 0.3040,
0.3134

55.3200, 0.3040,
0.3134

44.2204, 0.2884,
0.2858

68.0548, 0.3176,
0.3378

34.6829, 0.2709,
0.2551

82.4798, 0.3293,
0.3590

26.6395, 0.2517,
0.2218

97.1041, 0.3397,
0.3752

20.0145, 0.2313,
0.1870

97.3350, 0.3406,
0.3750

14.7254, 0.2108,
0.1526

■ 10.6813, 0.1914,
0.1207

■ 7.7799, 0.1746,
0.0941

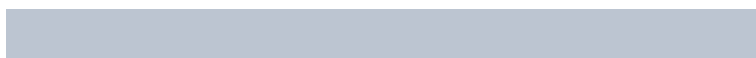
■ 5.9024, 0.1619,
0.0749

■ 4.9010, 0.1540,
0.0639

Harmonies

Analogous

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



55.3200, 0.2974, 0.3147



55.3200, 0.3040, 0.3134



55.3200, 0.3130, 0.3161

Triad

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



55.3200, 0.3040, 0.3134



55.3200, 0.3308, 0.3378



55.3200, 0.3034, 0.3359

Complementary

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



55.3200, 0.3040, 0.3134



62.3353, 0.3212, 0.3442

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.



55.3200, 0.3123, 0.3424



55.3200, 0.3040, 0.3134



55.3200, 0.3282, 0.3433

Square

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



55.3200, 0.3040, 0.3134



55.3200, 0.3286, 0.3301



55.3200, 0.3213, 0.3451



55.3200, 0.2971, 0.3276

Rectangle

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



55.3200, 0.3040, 0.3134



55.3200, 0.3191, 0.3199



55.3200, 0.3213, 0.3451



55.3200, 0.3062, 0.3384

Sweetspot

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



55.3223, 0.3040, 0.3134



95.9040, 0.3100, 0.3241



60.8575, 0.3031, 0.3279



20.5703, 0.3101, 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.



55.3223, 0.3040, 0.3134



84.2583, 0.3013, 0.3086



56.2005, 0.3090, 0.3137



11.4587, 0.2993, 0.3050



2.9194, 0.1525, 0.0614



0.1781, 0.1607, 0.0659

Inverse Universe

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



56.9561, 0.3141, 0.3150



87.5715, 0.3146, 0.3108



61.4300, 0.3162, 0.3444



11.9934, 0.3149, 0.3077



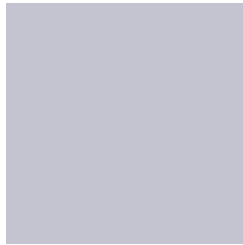
10.7549, 0.3402, 0.1648



0.6059, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 55.3200, 0.3040, 0.3134 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 55.3200, 0.3040, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

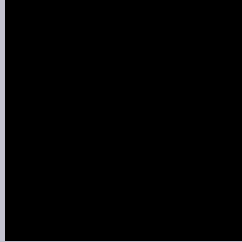
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

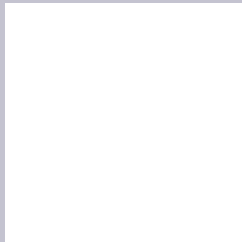
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3200, 0.3040, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 55.3200, 0.3040, 0.3134.

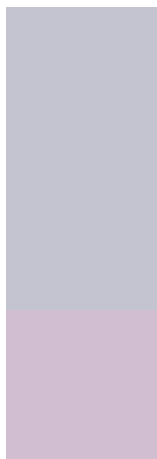


This preview shows how white text looks on a background with the Yxy color 55.3200, 0.3040, 0.3134.

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

55.3200, 0.3040, 0.3134

Protanopia

55.3200, 0.3040, 0.3134

Deuteranopia

54.9857, 0.3138, 0.3069



Tritanopia

55.4191, 0.3026, 0.3111

Trichromacy



Original Color

55.3200, 0.3040, 0.3134

Protanomaly

55.3200, 0.3040, 0.3134

Deuteranomaly

55.1401, 0.3097, 0.3090

Tritanomaly

55.3694, 0.3033, 0.3122

Monochromacy



Original Color

55.3200, 0.3040, 0.3134

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5672, 0.3098, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3200, 0.3040, 0.3134 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(196, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 195, 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(196, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 195, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.3200, 0.3040, 0.3134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

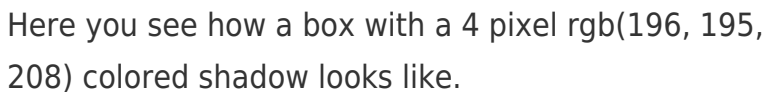
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 195, 208) }
```

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

```
.border{ border-color:rgb(196, 195, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 195, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 195, 208); box-shadow:4px 4px 4px 4px rgb(196, 195, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3200, 0.3040, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 195, 208) }
```

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

```
.background{ background-color: rgb(196,  
195, 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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