

Converting Colors

Yxy(54.4298, 0.3041, 0.3110)

Have a look what the booklet for
Yxy(54.4298, 0.3041, 0.3110)
contains.

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Color

Yxy(54.4298, 0.3041, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	C4C1D0
RGB	196, 193, 208
RGB Percent	77%, 76%, 82%
CMY	0.2313, 0.2431, 0.1844
CMYK	0.06, 0.07, 0.00, 0.18
HSL	252°, 14%, 79%
HSV	252°, 7%, 82%
XYZ	53.2222, 54.4298, 67.3634
YIQ	195.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

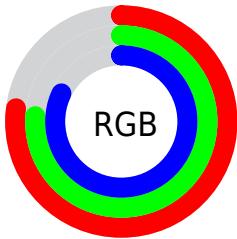
Format	Color
R _Y B	196, 193, 208
Decimal	12894672
CIE Lab	78.71, 3.88, -7.12
CIE LCh	79, 8.110, 298.564
Yxy	54.4298, 0.3041, 0.3110
Android (android.graphics.Color)	4291084752 (0xFFC4C1D0)
YUV	195.6070, 6.1097, 0.3447
Hunter-Lab	73.7766, -0.3396, -2.4926

Details

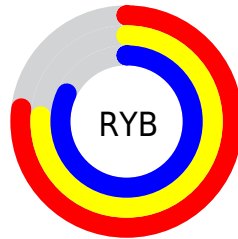
The Yxy color **54.4298, 0.3041, 0.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9273, 0.3210, 0.3466**, and the grayscale version is **54.9209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8540, 0.3117, 0.3233**, and **26.8400, 0.3011, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **43.7689, 0.2906, 0.2835**, and if you desaturate by 10%, it is **66.6349, 0.3158, 0.3356**.

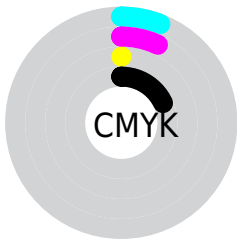
Distribution



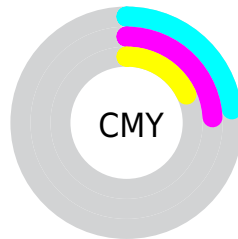
- Red (77%)
- Green (76%)
- Blue (82%)



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



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4298, 0.3041, 0.3110 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 54.4298, 0.3041, 0.3110 by changing the saturation by 10% instead.

■ 54.4298, 0.3041,
0.3110

■ 54.4298, 0.3041,
0.3110

403.7469, 0.3083,
0.3197

■ 38.9454, 0.3031,
0.3089

■ 96.7050, 0.3056,
0.3141

■ 26.7172, 0.3018,
0.3063

124.2646, 0.3062,
0.3153

■ 17.3610, 0.3001,
0.3029

156.6181, 0.3067,
0.3163

■ 10.4922, 0.2977,
0.2983

194.1498, 0.3071,
0.3172

■ 5.7265, 0.2943,
0.2917

237.2441, 0.3075,
0.3179

■ 2.6795, 0.2889,
0.2815

286.2854, 0.3078,

■ 0.9668, 0.2792,

0.3186

0.2639

341.6582, 0.3081,
0.3192

0.0000, 0.0000,
0.0000

54.4298, 0.3041,
0.3110

54.4298, 0.3041,
0.3110

43.7689, 0.2906,
0.2835

66.6349, 0.3158,
0.3356

34.5836, 0.2753,
0.2533

80.4354, 0.3259,
0.3573

26.8103, 0.2583,
0.2210

95.6361, 0.3345,
0.3760

20.3783, 0.2400,
0.1875

97.3332, 0.3406,
0.3751

15.2103, 0.2211,
0.1545

■ 11.2214, 0.2027,
0.1241

■ 8.3159, 0.1860,
0.0985

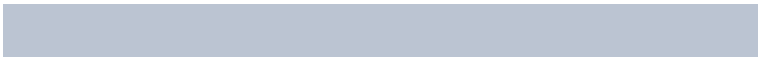
■ 6.3825, 0.1720,
0.0794

■ 5.2740, 0.1618,
0.0677

Harmonies

Analogous

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



54.4298, 0.2958, 0.3117



54.4298, 0.3041, 0.3110



54.4298, 0.3148, 0.3149

Triad

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



54.4298, 0.3041, 0.3110



54.4298, 0.3338, 0.3405



54.4298, 0.3003, 0.3356

Complementary

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



54.4298, 0.3041, 0.3110



61.9273, 0.3210, 0.3466

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.



54.4298, 0.3104, 0.3437



54.4298, 0.3041, 0.3110



54.4298, 0.3298, 0.3464

Square

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



54.4298, 0.3041, 0.3110



54.4298, 0.3321, 0.3318



54.4298, 0.3211, 0.3477



54.4298, 0.2937, 0.3258

Rectangle

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



54.4298, 0.3041, 0.3110



54.4298, 0.3219, 0.3197



54.4298, 0.3211, 0.3477



54.4298, 0.3034, 0.3386

Sweetspot

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



54.4321, 0.3041, 0.3110



96.0250, 0.3104, 0.3241



59.5469, 0.3017, 0.3254



20.5949, 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.



54.4321, 0.3041, 0.3110



82.9105, 0.3017, 0.3060



55.4586, 0.3100, 0.3113



11.5308, 0.3013, 0.3052



3.1774, 0.1604, 0.0657



0.2118, 0.1781, 0.0755

Inverse Universe

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



55.9535, 0.3158, 0.3150



85.9269, 0.3167, 0.3112



60.8909, 0.3153, 0.3469



11.9665, 0.3168, 0.3106



10.0891, 0.3791, 0.1862



0.5747, 0.3665, 0.1792

Previews

White Background



This preview shows how the Yxy color 54.4298, 0.3041, 0.3110 looks on a white background.

Color Contrast Check

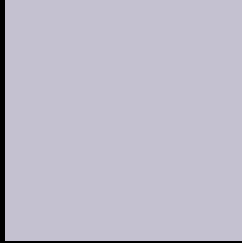
Large Text (above 18pt) WCAG AA × Fail

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 54.4298, 0.3041, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

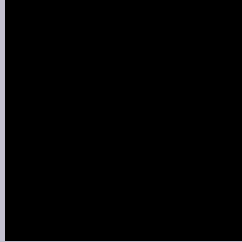
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4298, 0.3041, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 54.4298, 0.3041, 0.3110.

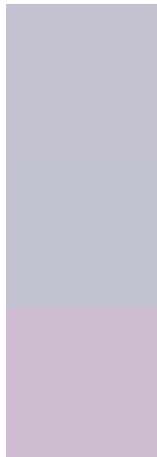


This preview shows how white text looks on a background with the Yxy color 54.4298, 0.3041, 0.3110.

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

54.4298, 0.3041, 0.3110

Protanopia

54.6070, 0.3025, 0.3121

Deuteranopia

54.2640, 0.3122, 0.3056



Tritanopia

54.4298, 0.3041, 0.3110

Trichromacy



Original Color

54.4298, 0.3041, 0.3110

Protanomaly

54.7397, 0.3033, 0.3122

Deuteranomaly

54.1269, 0.3089, 0.3065

Tritanomaly

54.4298, 0.3041, 0.3110

Monochromacy



Original Color

54.4298, 0.3041, 0.3110

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 54.4298, 0.3041, 0.3110 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, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 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, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.4298, 0.3041, 0.3110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

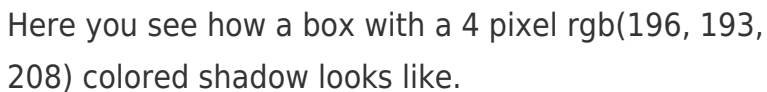
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 193, 208) }
```

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

```
.border{ border-color:rgb(196, 193, 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, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 193, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 193, 208); box-shadow:4px 4px 4px 4px rgb(196, 193, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4298, 0.3041, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 208) }
```

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

```
.background{ background-color: rgb(196,  
193, 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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