

Converting Colors

Yxy(51.6336, 0.3054, 0.3091)

Have a look what the booklet for
Yxy(51.6336, 0.3054, 0.3091)
contains.

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Color

Yxy(51.7954, 0.3055, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	C2BCCC
RGB	194, 188, 204
RGB Percent	76%, 74%, 80%
CMY	0.2393, 0.2627, 0.2000
CMYK	0.05, 0.08, 0.00, 0.20
HSL	262°, 14%, 77%
HSV	262°, 8%, 80%
XYZ	51.1260, 51.7954, 64.4305
YIQ	191.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

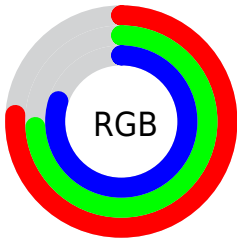
Format	Color
R_{YB}	194, 188, 204
Decimal	12762316
CIE _{Lab}	77.16, 5.09, -7.29
CIE _{LCh}	77, 8.892, 304.920
Yxy	51.7954, 0.3055, 0.3095
Android (android.graphics.Color)	4290952396 (0xFFC2BCCC)
YUV	191.6180, 6.1043, 2.0890
Hunter-Lab	71.9690, 0.8586, -2.7012

Details

The Yxy color **51.7954, 0.3055, 0.3095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8291, 0.3196, 0.3483**, and the grayscale version is **52.4421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4306, 0.3106, 0.3184**, and **25.1054, 0.3029, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **42.0683, 0.2950, 0.2825**, and if you desaturate by 10%, it is **62.9046, 0.3146, 0.3341**.

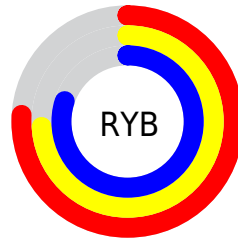
Distribution



Red (76%)

Green (74%)

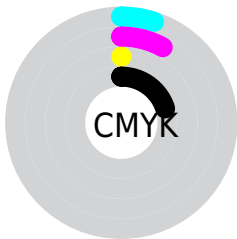
Blue (80%)



Red (76%)

Yellow (74%)

Blue (80%)

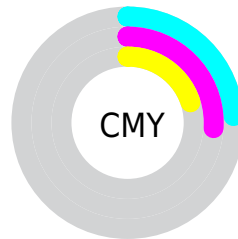


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (24%)


Magenta (26%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7954, 0.3055, 0.3095 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 51.7954, 0.3055, 0.3095 by changing the saturation by 10% instead.


 51.7954, 0.3055,
0.3095

 51.7954, 0.3055,
0.3095


393.6462, 0.3091,
0.3190

 36.8420, 0.3046,
0.3072


 92.8294, 0.3068,
0.3129

 25.0852, 0.3035,
0.3043


119.6789, 0.3073,
0.3142

 16.1405, 0.3020,
0.3005


151.2624, 0.3077,
0.3153

 9.6237, 0.2999,
0.2954

187.9646, 0.3081,
0.3162

 5.1502, 0.2969,
0.2880

230.1696, 0.3084,
0.3170

 2.3356, 0.2919,
0.2765

278.2620, 0.3086,

 0.7925, 0.2829,

0.3178

0.2554

332.6260, 0.3089,
0.3184

0.0000, 0.0000,
0.0000

51.7954, 0.3055,
0.3095

51.7954, 0.3055,
0.3095

42.0683, 0.2950,
0.2825

62.9046, 0.3146,
0.3341

33.6616, 0.2829,
0.2533

75.4411, 0.3223,
0.3562

26.5187, 0.2693,
0.2225

89.4564, 0.3288,
0.3759

20.5763, 0.2545,
0.1912

95.3166, 0.3364,
0.3801

15.7652, 0.2388,
0.1606

97.1398, 0.3430,
0.3790

■ 12.0094, 0.2229,
0.1326

■ 9.2227, 0.2076,
0.1087

■ 7.3048, 0.1937,
0.0906

■ 6.1123, 0.1819,
0.0785

Harmonies

Analogous

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



51.7954, 0.2955, 0.3091



51.7954, 0.3055, 0.3095



51.7954, 0.3176, 0.3149

Triad

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



51.7954, 0.3055, 0.3095



51.7954, 0.3358, 0.3436



51.7954, 0.2970, 0.3341

Complementary

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



51.7954, 0.3055, 0.3095



58.8291, 0.3196, 0.3483

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.



51.7954, 0.3075, 0.3438



51.7954, 0.3055, 0.3095



51.7954, 0.3300, 0.3492

Square

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



51.7954, 0.3055, 0.3095



51.7954, 0.3353, 0.3343



51.7954, 0.3196, 0.3494



51.7954, 0.2906, 0.3231

Rectangle

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



51.7954, 0.3055, 0.3095



51.7954, 0.3253, 0.3205



51.7954, 0.3196, 0.3494



51.7954, 0.3001, 0.3376

Sweetspot

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



51.7976, 0.3055, 0.3095



96.1877, 0.3109, 0.3241



55.5045, 0.3007, 0.3218



20.6281, 0.3110, 0.3244



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.



51.7976, 0.3055, 0.3095



83.5939, 0.3042, 0.3062



52.8697, 0.3119, 0.3099



11.0444, 0.3040, 0.3055



3.7629, 0.1810, 0.0771



0.2371, 0.2036, 0.0895

Inverse Universe

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



52.8881, 0.3182, 0.3170



85.6821, 0.3192, 0.3150



57.7840, 0.3134, 0.3487



11.3300, 0.3194, 0.3146



9.0777, 0.4419, 0.2208



0.4827, 0.4122, 0.2045

Previews

White Background



This preview shows how the Yxy color 51.7954, 0.3055, 0.3095 looks on a white background.

Color Contrast Check

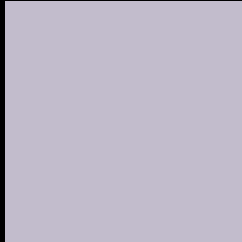
Large Text (above 18pt) WCAG AA × Fail

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 51.7954, 0.3055, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

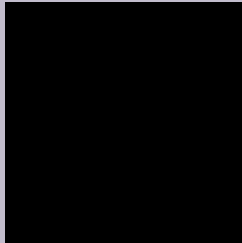
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7954, 0.3055, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 51.7954, 0.3055, 0.3095.

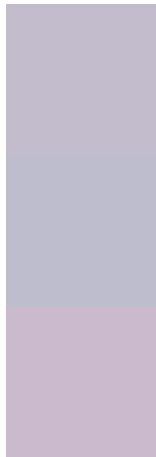


This preview shows how white text looks on a background with the Yxy color 51.7954, 0.3055, 0.3095.

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

51.7954, 0.3055, 0.3095

Protanopia

51.7501, 0.3016, 0.3093

Deuteranopia

51.8022, 0.3122, 0.3051



Tritanopia

51.7476, 0.3063, 0.3107

Trichromacy



Original Color

51.7954, 0.3055, 0.3095

Protanomaly

51.8793, 0.3024, 0.3094

Deuteranomaly

51.8049, 0.3097, 0.3062

Tritanomaly

51.7476, 0.3063, 0.3107

Monochromacy



Original Color

51.7954, 0.3055, 0.3095

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5846, 0.3106, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7954, 0.3055, 0.3095 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(194, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 204)  
}
```

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(194, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 204) }
```

Border

The CSS property to change the border of an element to Yxy 51.7954, 0.3055, 0.3095 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(194, 188, 204) }
```

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

```
.border{ border-color:rgb(194, 188, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7954, 0.3055, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 204) }
```

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

```
.background{ background-color: rgb(194,  
188, 204) }
```

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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