

Converting Colors

Yxy(53.5460, 0.3014, 0.3039)

Have a look what the booklet for
Yxy(53.5460, 0.3014, 0.3039)
contains.

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Color

Yxy(53.7508, 0.3012, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFD4
RGB	196, 191, 212
RGB Percent	77%, 75%, 83%
CMY	0.2315, 0.2509, 0.1687
CMYK	0.08, 0.10, 0.00, 0.17
HSL	254°, 20%, 79%
HSV	254°, 10%, 83%
XYZ	53.2733, 53.7508, 69.8460
YIQ	194.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

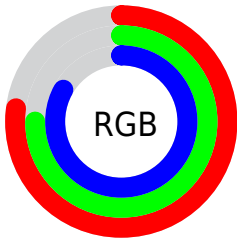
Format	Color
R _Y B	196, 191, 212
Decimal	12894164
CIE Lab	78.32, 5.71, -9.87
CIE LCh	78, 11.408, 300.061
Yxy	53.7508, 0.3012, 0.3039
Android (android.graphics.Color)	4291084244 (0xFFC4BFD4)
YUV	194.8890, 8.4357, 0.9743
Hunter-Lab	73.3149, 1.4033, -5.1642

Details

The Yxy color **53.7508, 0.3012, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1124, 0.3236, 0.3535**, and the grayscale version is **54.4533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6242, 0.3118, 0.3213**, and **26.3621, 0.2982, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **43.1115, 0.2878, 0.2758**, and if you desaturate by 10%, it is **65.9669, 0.3128, 0.3293**.

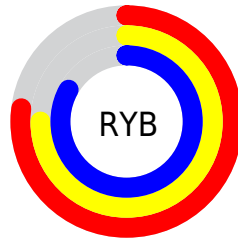
Distribution



Red (77%)

Green (75%)

Blue (83%)



Red (77%)

Yellow (75%)

Blue (83%)

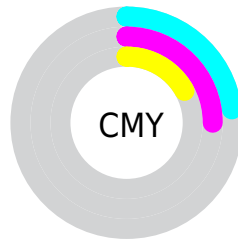


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (17%)



Cyan (23%)


Magenta (25%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7508, 0.3012, 0.3039 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 53.7508, 0.3012, 0.3039 by changing the saturation by 10% instead.


 53.7508, 0.3012,
0.3039

 53.7508, 0.3012,
0.3039


401.1590, 0.3069,
0.3160

 38.4025, 0.2998,
0.3010


 95.7083, 0.3032,
0.3082

 26.2952, 0.2981,
0.2974


123.0862, 0.3040,
0.3098

 17.0446, 0.2957,
0.2927

155.2427, 0.3047,
0.3112

 10.2663, 0.2926,
0.2863

192.5623, 0.3052,
0.3124

 5.5759, 0.2879,
0.2773

235.4293, 0.3057,
0.3135

 2.5889, 0.2806,
0.2635

284.2282, 0.3061,

 0.9211, 0.2674,

0.3144

0.2399

339.3433, 0.3065,
0.3153

0.0000, 0.0000,
0.0000

53.7508, 0.3012,
0.3039

53.7508, 0.3012,
0.3039

43.1115, 0.2878,
0.2758

65.9669, 0.3128,
0.3293

33.9776, 0.2727,
0.2451

79.8139, 0.3228,
0.3518

26.2823, 0.2559,
0.2126

95.3516, 0.3313,
0.3716

19.9509, 0.2380,
0.1795

97.5329, 0.3382,
0.3711

14.9020, 0.2197,
0.1474

■ 11.0453, 0.2019,
0.1184

■ 8.2785, 0.1858,
0.0945

■ 6.4810, 0.1725,
0.0774

■ 5.4443, 0.1626,
0.0670

Harmonies

Analogous

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



53.7508, 0.2894, 0.3044



53.7508, 0.3012, 0.3039



53.7508, 0.3164, 0.3097

Triad

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



53.7508, 0.3012, 0.3039



53.7508, 0.3425, 0.3457



53.7508, 0.2947, 0.3376

Complementary

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



53.7508, 0.3012, 0.3039



64.1124, 0.3236, 0.3535

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.



53.7508, 0.3085, 0.3495



53.7508, 0.3012, 0.3039



53.7508, 0.3363, 0.3539

Square

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



53.7508, 0.3012, 0.3039



53.7508, 0.3405, 0.3334



53.7508, 0.3238, 0.3555



53.7508, 0.2857, 0.3236

Rectangle

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



53.7508, 0.3012, 0.3039



53.7508, 0.3264, 0.3164



53.7508, 0.3238, 0.3555



53.7508, 0.2989, 0.3420

Sweetspot

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



53.7531, 0.3012, 0.3039



94.1250, 0.3094, 0.3216



60.5024, 0.2975, 0.3231



19.8187, 0.3084, 0.3196



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.



53.7531, 0.3012, 0.3039



77.8423, 0.2984, 0.2979



55.1989, 0.3094, 0.3045



12.1491, 0.3018, 0.3052



3.3942, 0.1636, 0.0675



0.2432, 0.1812, 0.0772

Inverse Universe

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



55.7691, 0.3176, 0.3105



81.5490, 0.3188, 0.3062



62.6607, 0.3157, 0.3541



12.5801, 0.3173, 0.3114



10.2642, 0.3911, 0.1928



0.6315, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 53.7508, 0.3012, 0.3039 looks on a white background.

Color Contrast Check

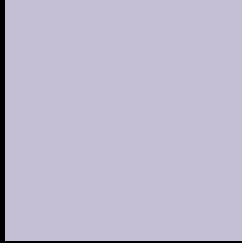
Large Text (above 18pt) WCAG AA × Fail

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 53.7508, 0.3012, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

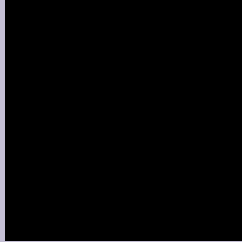
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7508, 0.3012, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 53.7508, 0.3012, 0.3039.



This preview shows how white text looks on a background with the Yxy color 53.7508, 0.3012, 0.3039.

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

53.7508, 0.3012, 0.3039

Protanopia

53.5797, 0.2966, 0.3036

Deuteranopia

53.6079, 0.3068, 0.2996



Tritanopia

53.8064, 0.3040, 0.3109

Trichromacy



Original Color

53.7508, 0.3012, 0.3039

Protanomaly

53.8408, 0.2982, 0.3038

Deuteranomaly

53.6168, 0.3044, 0.3006

Tritanomaly

53.9048, 0.3026, 0.3085

Monochromacy



Original Color

53.7508, 0.3012, 0.3039

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4027, 0.3083, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7508, 0.3012, 0.3039 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, 191, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 212)  
}
```

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, 191, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 212) }
```

Border

The CSS property to change the border of an element to Yxy 53.7508, 0.3012, 0.3039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

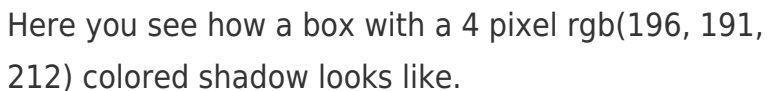
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 191, 212) }
```

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

```
.border{ border-color:rgb(196, 191, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 191, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 191, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 191, 212); box-shadow:4px 4px 4px 4px rgb(196, 191, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7508, 0.3012, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 212) }
```

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

```
.background{ background-color: rgb(196,  
191, 212) }
```

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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