

Converting Colors

Yxy(53.5024, 0.3048, 0.3097)

Have a look what the booklet for
Yxy(53.5024, 0.3048, 0.3097)
contains.

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Color

Yxy(53.5024, 0.3048, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFCF
RGB	196, 191, 207
RGB Percent	77%, 75%, 81%
CMY	0.2315, 0.2509, 0.1881
CMYK	0.05, 0.08, 0.00, 0.19
HSL	259°, 14%, 78%
HSV	259°, 8%, 81%
XYZ	52.6559, 53.5024, 66.5973
YIQ	194.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

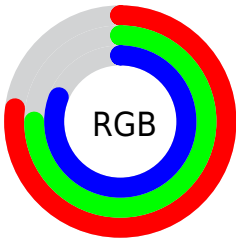
Format	Color
R_{YB}	196, 191, 207
Decimal	12894159
CIE _{Lab}	78.17, 4.74, -7.41
CIE _{LCh}	78, 8.796, 302.632
Yxy	53.5024, 0.3048, 0.3097
Android (android.graphics.Color)	4291084239 (0xFFC4BFCE)
YUV	194.3190, 6.2517, 1.4742
Hunter-Lab	73.1453, 0.4943, -2.7806

Details

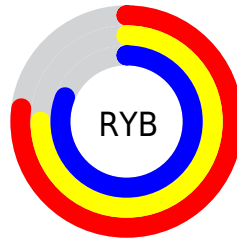
The Yxy color $53.5024, 0.3048, 0.3097$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.9630, 0.3202, 0.3480$, and the grayscale version is $54.1109, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6242, 0.3118, 0.3213$, and $26.2276, 0.3021, 0.3048$ is the 20% darker color. If you saturate the color by 10%, you get $43.2794, 0.2931, 0.2824$, and if you desaturate by 10%, it is $65.1885, 0.3149, 0.3344$.

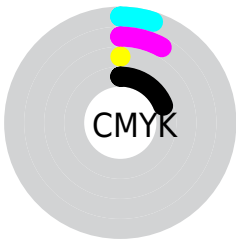
Distribution



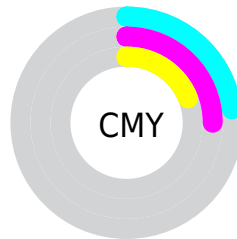
- Red (77%)
- Green (75%)
- Blue (81%)



- Red (77%)
- Yellow (75%)
- Blue (81%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5024, 0.3048, 0.3097 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 53.5024, 0.3048, 0.3097 by changing the saturation by 10% instead.

■ 53.5024, 0.3048,
0.3097

■ 53.5024, 0.3048,
0.3097

400.2097, 0.3087,
0.3190

■ 38.2040, 0.3038,
0.3075

■ 95.3432, 0.3062,
0.3130

■ 26.1410, 0.3026,
0.3046

122.6544, 0.3067,
0.3143

■ 16.9292, 0.3010,
0.3010

154.7387, 0.3072,
0.3154

■ 10.1840, 0.2988,
0.2960

191.9804, 0.3076,
0.3163

■ 5.5211, 0.2956,
0.2889

234.7640, 0.3079,
0.3171

■ 2.5562, 0.2905,
0.2779

283.4738, 0.3082,

■ 0.9047, 0.2811,

0.3178

0.2587

338.4942, 0.3085,
0.3185

0.0000, 0.0000,
0.0000

53.5024, 0.3048,
0.3097

53.5024, 0.3048,
0.3097

43.2794, 0.2931,
0.2824

65.1885, 0.3149,
0.3344

34.4543, 0.2798,
0.2528

78.3858, 0.3235,
0.3564

26.9671, 0.2649,
0.2214

93.1486, 0.3307,
0.3759

20.7507, 0.2488,
0.1893

96.9262, 0.3399,
0.3762

15.7322, 0.2318,
0.1578

97.2861, 0.3412,
0.3760

■ 11.8308, 0.2148,
0.1288

■ 8.9557, 0.1987,
0.1043

■ 7.0008, 0.1846,
0.0857

■ 5.8179, 0.1731,
0.0737

Harmonies

Analogous

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



53.5024, 0.2953, 0.3097



53.5024, 0.3048, 0.3097



53.5024, 0.3166, 0.3146

Triad

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



53.5024, 0.3048, 0.3097



53.5024, 0.3355, 0.3427



53.5024, 0.2980, 0.3348

Complementary

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



53.5024, 0.3048, 0.3097



60.9630, 0.3202, 0.3480

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.



53.5024, 0.3085, 0.3441



53.5024, 0.3048, 0.3097



53.5024, 0.3303, 0.3485

Square

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



53.5024, 0.3048, 0.3097



53.5024, 0.3345, 0.3334



53.5024, 0.3204, 0.3492



53.5024, 0.2914, 0.3240

Rectangle

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



53.5024, 0.3048, 0.3097



53.5024, 0.3242, 0.3200



53.5024, 0.3204, 0.3492



53.5024, 0.3012, 0.3382

Sweetspot

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



53.5047, 0.3048, 0.3097



96.1280, 0.3107, 0.3241



57.9276, 0.3009, 0.3232



20.6159, 0.3108, 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.



53.5047, 0.3048, 0.3097



83.3419, 0.3033, 0.3061



54.5838, 0.3110, 0.3101



11.5931, 0.3030, 0.3053



3.5743, 0.1721, 0.0722



0.2417, 0.1926, 0.0835

Inverse Universe

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



54.8013, 0.3174, 0.3160



85.7712, 0.3182, 0.3136



59.8963, 0.3142, 0.3484



11.9440, 0.3184, 0.3131



9.6206, 0.4177, 0.2075



0.5518, 0.3957, 0.1954

Previews

White Background



This preview shows how the Yxy color 53.5024, 0.3048, 0.3097 looks on a white background.

Color Contrast Check

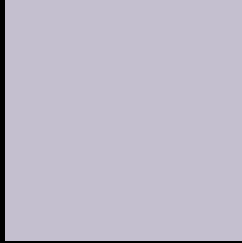
Large Text (above 18pt) WCAG AA × Fail

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 53.5024, 0.3048, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

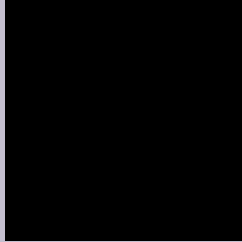
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

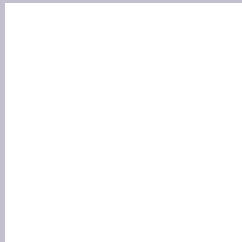
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5024, 0.3048, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 53.5024, 0.3048, 0.3097.

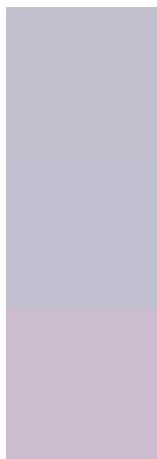


This preview shows how white text looks on a background with the Yxy color 53.5024, 0.3048, 0.3097.

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

53.5024, 0.3048, 0.3097

Protanopia

53.5908, 0.3017, 0.3096

Deuteranopia

53.4996, 0.3114, 0.3054



Tritanopia

53.4536, 0.3056, 0.3109

Trichromacy



Original Color

53.5024, 0.3048, 0.3097

Protanomaly

53.7227, 0.3025, 0.3097

Deuteranomaly

53.5058, 0.3089, 0.3064

Tritanomaly

53.4536, 0.3056, 0.3109

Monochromacy



Original Color

53.5024, 0.3048, 0.3097

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8656, 0.3099, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5024, 0.3048, 0.3097 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.5024, 0.3048, 0.3097 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, 207) }
```

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

```
.border{ border-color:rgb(196, 191, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5024, 0.3048, 0.3097 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, 207) }
```

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

```
.background{ background-color: rgb(196,  
191, 207) }
```

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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