

Converting Colors

Yxy(52.9340, 0.3041, 0.3084)

Have a look what the booklet for
Yxy(52.9340, 0.3041, 0.3084)
contains.

Yxy(52.9340, 0.3041, 0.3084)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9340, 0.3041, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	C3BECF
RGB	195, 190, 207
RGB Percent	76%, 75%, 81%
CMY	0.2350, 0.2550, 0.1882
CMYK	0.06, 0.08, 0.00, 0.19
HSL	258°, 15%, 78%
HSV	258°, 8%, 81%
XYZ	52.1959, 52.9340, 66.5108
YIQ	193.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

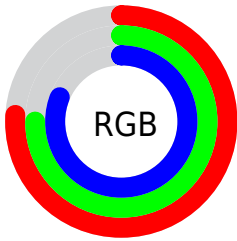
Format	Color
RYB	195, 190, 207
Decimal	12828367
CIELab	77.84, 4.99, -7.91
CIELCh	78, 9.351, 302.224
Yxy	52.9340, 0.3041, 0.3084
Android (android.graphics.Color)	4291018447 (0xFFC3BECF)
YUV	193.4330, 6.6885, 1.3743
Hunter-Lab	72.7558, 0.7357, -3.2718

Details

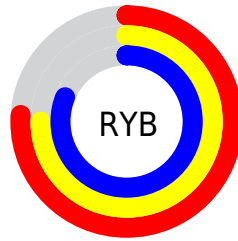
The Yxy color `52.9340, 0.3041, 0.3084` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.9010, 0.3209, 0.3493`, and the grayscale version is `53.5640, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.8270, 0.3112, 0.3203`, and `25.8539, 0.3010, 0.3031` is the 20% darker color. If you saturate the color by 10%, you get `42.7546, 0.2921, 0.2810`, and if you desaturate by 10%, it is `64.5798, 0.3144, 0.3332`.

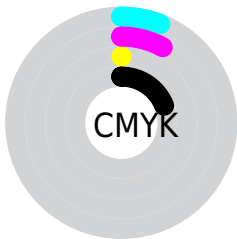
Distribution



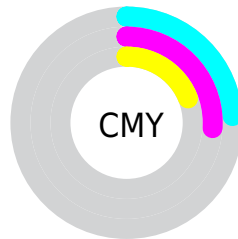
- Red (76%)
- Green (75%)
- Blue (81%)



- Red (76%)
- Yellow (75%)
- Blue (81%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9340, 0.3041, 0.3084 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 52.9340, 0.3041, 0.3084 by changing the saturation by 10% instead.

■ 52.9340, 0.3041,
0.3084

■ 52.9340, 0.3041,
0.3084

■ 398.0319, 0.3084,
0.3184

■ 37.7501, 0.3031,
0.3060

■ 94.5072, 0.3056,
0.3120

■ 25.7888, 0.3017,
0.3030

■ 121.6654, 0.3062,
0.3133

■ 16.6657, 0.3000,
0.2990

■ 153.5837, 0.3067,
0.3145

■ 9.9964, 0.2976,
0.2937

■ 190.6466, 0.3071,
0.3155

■ 5.3966, 0.2940,
0.2861

■ 233.2384, 0.3075,
0.3163

■ 2.4818, 0.2884,
0.2743

■ 281.7437, 0.3078,

■ 0.8675, 0.2780,

0.3171

0.2536

336.5467, 0.3081,
0.3178

0.0000, 0.0000,
0.0000

52.9340, 0.3041,
0.3084

52.9340, 0.3041,
0.3084

42.7546, 0.2921,
0.2810

64.5798, 0.3144,
0.3332

33.9762, 0.2785,
0.2512

77.7407, 0.3233,
0.3553

26.5382, 0.2633,
0.2196

92.4715, 0.3308,
0.3749

20.3729, 0.2468,
0.1873

96.9405, 0.3399,
0.3762

15.4067, 0.2296,
0.1557

97.2861, 0.3412,
0.3760

■ 11.5581, 0.2125,
0.1268

■ 8.7353, 0.1964,
0.1024

■ 6.8307, 0.1824,
0.0841

■ 5.6868, 0.1711,
0.0724

Harmonies

Analogous

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



52.9340, 0.2940, 0.3085



52.9340, 0.3041, 0.3084



52.9340, 0.3167, 0.3136

Triad

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



52.9340, 0.3041, 0.3084



52.9340, 0.3371, 0.3434



52.9340, 0.2971, 0.3353

Complementary

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



52.9340, 0.3041, 0.3084



60.9010, 0.3209, 0.3493

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.



52.9340, 0.3084, 0.3452



52.9340, 0.3041, 0.3084



52.9340, 0.3316, 0.3498

Square

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



52.9340, 0.3041, 0.3084



52.9340, 0.3359, 0.3335



52.9340, 0.3210, 0.3506



52.9340, 0.2900, 0.3238

Rectangle

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



52.9340, 0.3041, 0.3084



52.9340, 0.3248, 0.3193



52.9340, 0.3210, 0.3506



52.9340, 0.3005, 0.3390

Sweetspot

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



52.9362, 0.3041, 0.3084



96.1167, 0.3107, 0.3241



57.7830, 0.3001, 0.3231



20.6136, 0.3108, 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.



52.9362, 0.3041, 0.3084



81.5588, 0.3020, 0.3034



54.0682, 0.3107, 0.3088



11.5862, 0.3028, 0.3053



3.5218, 0.1706, 0.0713



0.2381, 0.1909, 0.0825

Inverse Universe

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



54.3492, 0.3175, 0.3149



84.3154, 0.3187, 0.3116



59.7793, 0.3145, 0.3497



11.9464, 0.3183, 0.3128



9.6679, 0.4132, 0.2050



0.5542, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 52.9340, 0.3041, 0.3084 looks on a white background.

Color Contrast Check

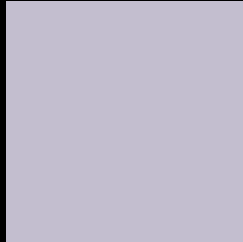
Large Text (above 18pt) WCAG AA × Fail

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 52.9340, 0.3041, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

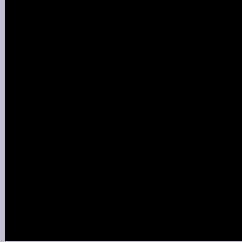
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

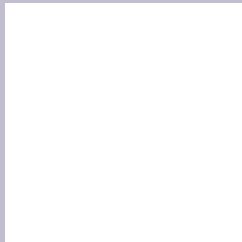
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9340, 0.3041, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 52.9340, 0.3041, 0.3084.



This preview shows how white text looks on a background with the Yxy color 52.9340, 0.3041, 0.3084.

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

52.9340, 0.3041, 0.3084

Protanopia

52.8920, 0.3002, 0.3083

Deuteranopia

52.9321, 0.3106, 0.3042



Tritanopia

52.8368, 0.3055, 0.3108

Trichromacy



Original Color

52.9340, 0.3041, 0.3084

Protanomaly

53.0221, 0.3010, 0.3083

Deuteranomaly

52.9380, 0.3082, 0.3052

Tritanomaly

52.8852, 0.3048, 0.3096

Monochromacy



Original Color

52.9340, 0.3041, 0.3084

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.2458, 0.3098, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9340, 0.3041, 0.3084 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(195, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 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(195, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 207) }
```

Border

The CSS property to change the border of an element to Yxy 52.9340, 0.3041, 0.3084 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(195, 190, 207) }
```

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

```
.border{ border-color:rgb(195, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9340, 0.3041, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 207) }
```

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

```
.background{ background-color: rgb(195,  
190, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor