

Converting Colors

Yxy(52.7631, 0.3069, 0.3243)

Have a look what the booklet for
Yxy(52.7631, 0.3069, 0.3243)
contains.

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Color

Yxy(52.9443, 0.3073, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	BDC1C4
RGB	189, 193, 196
RGB Percent	74%, 76%, 77%
CMY	0.2589, 0.2431, 0.2314
CMYK	0.04, 0.02, 0.00, 0.23
HSL	205°, 6%, 75%
HSV	205°, 4%, 77%
XYZ	50.0147, 52.9443, 59.7963
YIQ	192.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

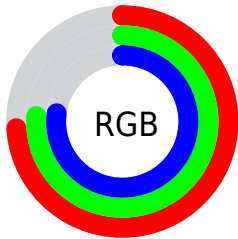
Format	Color
RYB	189, 192, 196
Decimal	12435908
CIELab	77.84, -0.82, -1.99
CIElCh	78, 2.151, 247.443
Yxy	52.9443, 0.3073, 0.3253
Android (android.graphics.Color)	4290625988 (0xFFBDC1C4)
YUV	192.1460, 1.9000, -2.7590
Hunter-Lab	72.7628, -4.6401, 2.2096

Details

The Yxy color **52.9443, 0.3073, 0.3253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0848, 0.3182, 0.3327**, and the grayscale version is **52.7913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2557, 0.3079, 0.3251**, and **25.9434, 0.3064, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **47.0338, 0.2918, 0.3142**, and if you desaturate by 10%, it is **59.4047, 0.3223, 0.3353**.

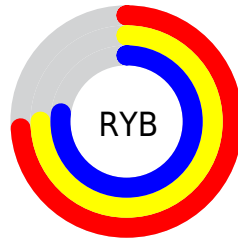
Distribution



Red (74%)

Green (76%)

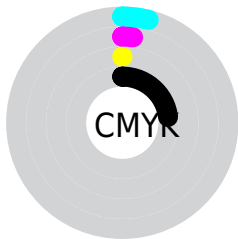
Blue (77%)



Red (74%)

Yellow (75%)

Blue (77%)

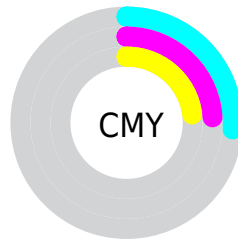


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9443, 0.3073, 0.3253 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 52.9443, 0.3073, 0.3253 by changing the saturation by 10% instead.

■ 52.9443, 0.3073,
0.3253

■ 52.9443, 0.3073,
0.3253

■ 398.0714, 0.3100,
0.3271

■ 37.7583, 0.3067,
0.3249

■ 94.5224, 0.3083,
0.3260

■ 25.7952, 0.3058,
0.3243

■ 121.6833, 0.3086,
0.3262

■ 16.6705, 0.3048,
0.3235

■ 153.6046, 0.3089,
0.3264

■ 9.9998, 0.3033,
0.3225

■ 190.6708, 0.3092,
0.3266

■ 5.3988, 0.3011,
0.3210

■ 233.2661, 0.3094,
0.3268

■ 2.4831, 0.2978,
0.3186

■ 281.7751, 0.3096,

■ 0.8682, 0.2914,

0.3269

0.3143

336.5820, 0.3098,
0.3270

0.0000, 0.0000,
0.0000

52.9443, 0.3073,
0.3253

52.9443, 0.3073,
0.3253

47.0338, 0.2918,
0.3142

59.4047, 0.3223,
0.3353

41.6495, 0.2761,
0.3018

66.4242, 0.3366,
0.3442

36.7759, 0.2604,
0.2883

74.0204, 0.3502,
0.3520

32.3940, 0.2450,
0.2738

79.7848, 0.3539,
0.3598

28.4832, 0.2305,
0.2583

84.4242, 0.3521,
0.3679

■ 25.0215, 0.2171,
0.2422

■ 89.2860, 0.3503,
0.3758

■ 21.9843, 0.2054,
0.2257

■ 94.3732, 0.3486,
0.3836

■ 19.3437, 0.1957,
0.2093

■ 96.7647, 0.3478,
0.3870

■ 17.0667, 0.1882,
0.1932

Harmonies

Analogous

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



52.9443, 0.3073, 0.3274



52.9443, 0.3073, 0.3253



52.9443, 0.3087, 0.3242

Triad

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



52.9443, 0.3073, 0.3253



52.9443, 0.3167, 0.3280



52.9443, 0.3142, 0.3338

Complementary

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



52.9443, 0.3073, 0.3253



53.0848, 0.3182, 0.3327

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.



52.9443, 0.3167, 0.3339



52.9443, 0.3073, 0.3253



52.9443, 0.3182, 0.3306

Square

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



52.9443, 0.3073, 0.3253



52.9443, 0.3142, 0.3257



52.9443, 0.3182, 0.3327



52.9443, 0.3113, 0.3324

Rectangle

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



52.9443, 0.3073, 0.3253



52.9443, 0.3103, 0.3241



52.9443, 0.3182, 0.3327



52.9443, 0.3151, 0.3340

Sweetspot

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



52.9466, 0.3073, 0.3253



98.8312, 0.3112, 0.3280



54.0896, 0.3102, 0.3341



21.1663, 0.3113, 0.3280



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.



52.9466, 0.3073, 0.3253



95.3865, 0.3066, 0.3248



51.4401, 0.3074, 0.3210



11.2958, 0.3056, 0.3241



10.3010, 0.1848, 0.1853



0.5793, 0.1946, 0.2207

Inverse Universe

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



51.9716, 0.3154, 0.3241



93.3883, 0.3158, 0.3234



54.6159, 0.3180, 0.3369



11.0231, 0.3163, 0.3225



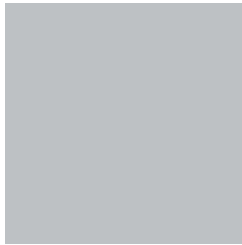
8.3221, 0.4622, 0.2320



0.3731, 0.4225, 0.2101

Previews

White Background



This preview shows how the Yxy color 52.9443, 0.3073, 0.3253 looks on a white background.

Color Contrast Check

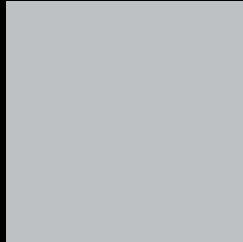
Large Text (above 18pt) WCAG AA × Fail

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 52.9443, 0.3073, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

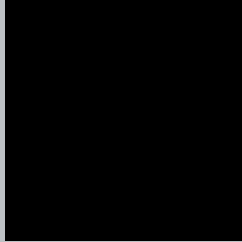
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

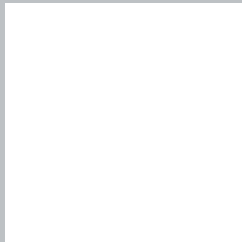
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9443, 0.3073, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 52.9443, 0.3073, 0.3253.

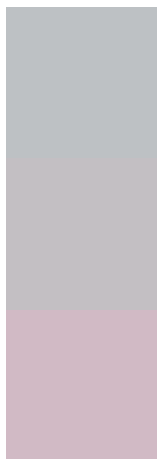


This preview shows how white text looks on a background with the Yxy color 52.9443, 0.3073, 0.3253.

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

52.9443, 0.3073, 0.3253

Protanopia

52.8038, 0.3129, 0.3241

Deuteranopia

52.7043, 0.3234, 0.3160



Tritanopia

52.8430, 0.3009, 0.3095

Trichromacy



Original Color

52.9443, 0.3073, 0.3253

Protanomaly

52.9769, 0.3113, 0.3253

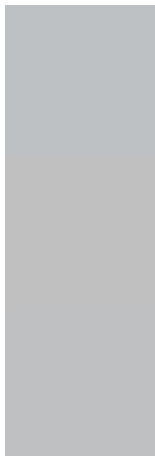
Deuteranomaly

52.9830, 0.3173, 0.3194

Tritanomaly

52.9582, 0.3030, 0.3155

Monochromacy



Original Color

52.9443, 0.3073, 0.3253

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6259, 0.3112, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9443, 0.3073, 0.3253 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(189, 193, 196)` looks like.

```
.text, #text, p{  
  color:rgb(189, 193, 196)  
}
```

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(189, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 193, 196) }
```

Border

The CSS property to change the border of an element to Yxy 52.9443, 0.3073, 0.3253 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(189, 193, 196) }
```

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

```
.border{ border-color:rgb(189, 193, 196) }
```

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

Here you see how a box with a 4 pixel rgb(189, 193, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(189, 193,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9443, 0.3073, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 193, 196) }
```

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

```
.background{ background-color: rgb(189,  
193, 196) }
```

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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