

Converting Colors

$Yxy(53.1039, 0.3074, 0.3356)$

Have a look what the booklet for
Yxy(53.1039, 0.3074, 0.3356)
contains.

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Color

Yxy(52.9383, 0.3077, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	B8C3BE
RGB	184, 195, 190
RGB Percent	72%, 76%, 75%
CMY	0.2783, 0.2353, 0.2550
CMYK	0.06, 0.00, 0.03, 0.24
HSL	153°, 8%, 74%
HSV	153°, 6%, 76%
XYZ	48.5807, 52.9383, 56.3644
YIQ	191.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

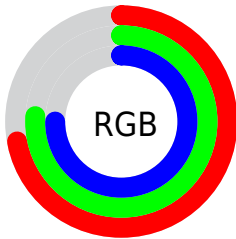
Format	Color
RYB	184, 191, 195
Decimal	12108734
CIELab	77.84, -4.71, 1.20
CIELCh	78, 4.856, 165.655
Yxy	52.9383, 0.3077, 0.3353
Android (android.graphics.Color)	4290298814 (0xFFB8C3BE)
YUV	191.1410, -0.5625, -6.2627
Hunter-Lab	72.7587, -8.1440, 5.0006

Details

The Yxy color **52.9383, 0.3077, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5721, 0.3180, 0.3228**, and the grayscale version is **52.1952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7999, 0.3087, 0.3349**, and **25.6812, 0.3060, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **50.3177, 0.2989, 0.3475**, and if you desaturate by 10%, it is **55.9192, 0.3166, 0.3244**.

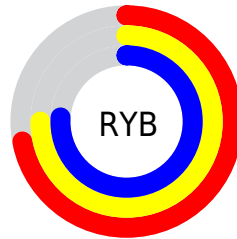
Distribution



Red (72%)

Green (76%)

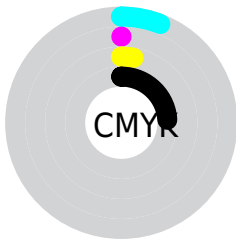
Blue (75%)



Red (72%)

Yellow (75%)

Blue (76%)

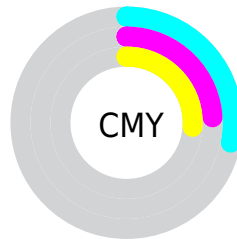


Cyan (6%)

Magenta (0%)

Yellow (3%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9383, 0.3077, 0.3353 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 52.9383, 0.3077, 0.3353 by changing the saturation by 10% instead.

■ 52.9383, 0.3077,
0.3353

■ 52.9383, 0.3077,
0.3353

398.0484, 0.3102,
0.3322

■ 37.7535, 0.3071,
0.3361

■ 94.5136, 0.3086,
0.3342

■ 25.7914, 0.3063,
0.3370

121.6728, 0.3089,
0.3338

■ 16.6677, 0.3053,
0.3383

153.5924, 0.3092,
0.3334

■ 9.9978, 0.3039,
0.3400

190.6567, 0.3095,
0.3331

■ 5.3975, 0.3019,
0.3426

233.2500, 0.3097,
0.3328

■ 2.4823, 0.2987,
0.3467

281.7568, 0.3099,

■ 0.8678, 0.2911,

0.3326

0.3559

336.5614, 0.3100,
0.3324

0.0000, 0.0000,
0.0000

52.9383, 0.3077,
0.3353

52.9383, 0.3077,
0.3353

50.3177, 0.2989,
0.3475

55.9192, 0.3166,
0.3244

48.0367, 0.2906,
0.3611

59.2668, 0.3256,
0.3147

46.0828, 0.2829,
0.3759

62.9957, 0.3343,
0.3061

44.4399, 0.2762,
0.3918

65.7598, 0.3373,
0.2980

43.0907, 0.2708,
0.4088

66.2608, 0.3305,
0.2894

■ 42.0160, 0.2670,
0.4264

■ 66.7875, 0.3238,
0.2809

■ 41.1945, 0.2651,
0.4443

■ 67.3404, 0.3174,
0.2726

■ 40.6012, 0.2652,
0.4620

■ 67.5091, 0.3155,
0.2703

■ 40.2054, 0.2673,
0.4792

Harmonies

Analogous

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



52.9383, 0.3142, 0.3392



52.9383, 0.3077, 0.3353



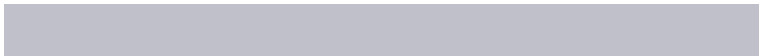
52.9383, 0.3026, 0.3297

Triad

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



52.9383, 0.3077, 0.3353



52.9383, 0.3051, 0.3179



52.9383, 0.3254, 0.3339

Complementary

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



52.9383, 0.3077, 0.3353



49.5721, 0.3180, 0.3228

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.



52.9383, 0.3229, 0.3283



52.9383, 0.3077, 0.3353



52.9383, 0.3112, 0.3191

Square

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



52.9383, 0.3077, 0.3353



52.9383, 0.3011, 0.3196



52.9383, 0.3177, 0.3229



52.9383, 0.3245, 0.3383

Rectangle

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



52.9383, 0.3077, 0.3353



52.9383, 0.3006, 0.3257



52.9383, 0.3177, 0.3229



52.9383, 0.3250, 0.3321

Sweetspot

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



52.9406, 0.3077, 0.3353



96.6620, 0.3109, 0.3312



53.3291, 0.3162, 0.3428



21.1794, 0.3110, 0.3311



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.



52.9406, 0.3077, 0.3353



94.0827, 0.3064, 0.3370



52.9999, 0.3041, 0.3285



11.4588, 0.3060, 0.3375



26.0596, 0.2679, 0.4843



1.1397, 0.2573, 0.4461

Inverse Universe

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



49.5721, 0.3180, 0.3228



86.5317, 0.3195, 0.3211



49.5102, 0.3220, 0.3295



10.4902, 0.3199, 0.3207



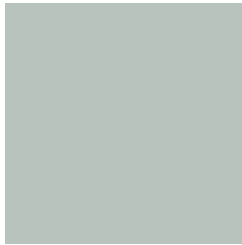
8.0273, 0.5117, 0.2593



0.3607, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 52.9383, 0.3077, 0.3353 looks on a white background.

Color Contrast Check

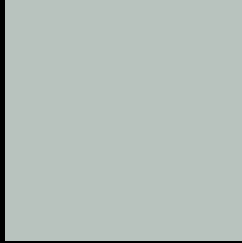
Large Text (above 18pt) WCAG AA × Fail

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 52.9383, 0.3077, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

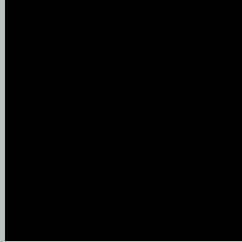
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

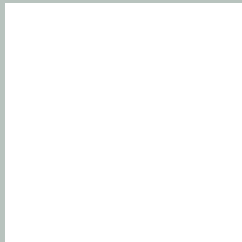
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9383, 0.3077, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 52.9383, 0.3077, 0.3353.



This preview shows how white text looks on a background with the Yxy color 52.9383, 0.3077, 0.3353.

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

52.9383, 0.3077, 0.3353

Protanopia

52.7628, 0.3199, 0.3327

Deuteranopia

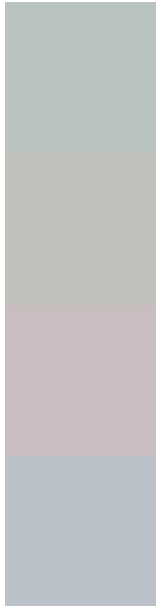
52.7725, 0.3290, 0.3219



Tritanopia

52.8181, 0.2971, 0.3093

Trichromacy



Original Color

52.9383, 0.3077, 0.3353

Protanomaly

52.5799, 0.3150, 0.3327

Deuteranomaly

52.5743, 0.3211, 0.3266

Tritanomaly

52.7961, 0.3013, 0.3190

Monochromacy



Original Color

52.9383, 0.3077, 0.3353

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1522, 0.3102, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9383, 0.3077, 0.3353 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(184, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 190)  
}
```

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(184, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 190) }
```

Border

The CSS property to change the border of an element to Yxy 52.9383, 0.3077, 0.3353 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(184, 195, 190) }
```

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

```
.border{ border-color:rgb(184, 195, 190) }
```

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

Here you see how a box with a 4 pixel rgb(184, 195, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9383, 0.3077, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 195, 190) }
```

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

```
.background{ background-color: rgb(184,  
195, 190) }
```

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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