

Converting Colors

$Y_{xy}(53.1106, 0.3054, 0.3378)$

Have a look what the booklet for
Yxy(53.1106, 0.3054, 0.3378)
contains.

Yxy(52.9777, 0.3060, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9777, 0.3060, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B5C4BD
RGB	181, 196, 189
RGB Percent	71%, 77%, 74%
CMY	0.2903, 0.2313, 0.2589
CMYK	0.08, 0.00, 0.04, 0.23
HSL	152°, 11%, 74%
HSV	152°, 8%, 77%
XYZ	47.9763, 52.9777, 55.8312
YIQ	190.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

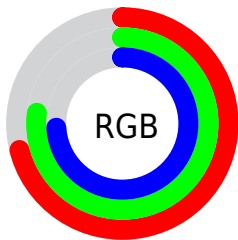
Format	Color
RYB	181, 191, 196
Decimal	11912381
CIELab	77.86, -6.47, 1.75
CIElCh	78, 6.703, 164.855
Yxy	52.9777, 0.3060, 0.3379
Android (android.graphics.Color)	4290102461 (0xFFB5C4BD)
YUV	190.7170, -0.8465, -8.5218
Hunter-Lab	72.7858, -9.7181, 5.4710

Details

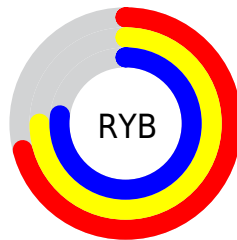
The Yxy color $52.9777, 0.3060, 0.3379$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.4087, 0.3200, 0.3203$, and the grayscale version is $51.9347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8477, 0.3074, 0.3369$, and $25.7128, 0.3038, 0.3393$ is the 20% darker color. If you saturate the color by 10%, you get $50.3896, 0.2974, 0.3507$, and if you desaturate by 10%, it is $55.9288, 0.3148, 0.3264$.

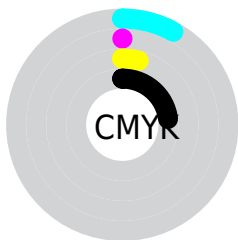
Distribution



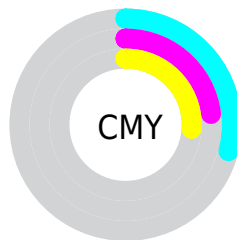
- Red (71%)
- Green (77%)
- Blue (74%)



- Red (71%)
- Yellow (75%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9777, 0.3060, 0.3379 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 52.9777, 0.3060, 0.3379 by changing the saturation by 10% instead.

■ 52.9777, 0.3060,
0.3379

■ 52.9777, 0.3060,
0.3379

398.1996, 0.3093,
0.3335

■ 37.7850, 0.3052,
0.3390

■ 94.5716, 0.3072,
0.3363

■ 25.8158, 0.3042,
0.3403

121.7415, 0.3076,
0.3357

■ 16.6859, 0.3028,
0.3421

153.6726, 0.3080,
0.3352

■ 10.0108, 0.3009,
0.3446

190.7492, 0.3083,
0.3348

■ 5.4061, 0.2982,
0.3483

233.3559, 0.3086,
0.3344

■ 2.4875, 0.2938,
0.3542

281.8769, 0.3089,

■ 0.8704, 0.2830,

0.3341

0.3680

336.6966, 0.3091,
0.3338

0.0000, 0.0000,
0.0000

52.9777, 0.3060,
0.3379

52.9777, 0.3060,
0.3379

50.3896, 0.2974,
0.3507

55.9288, 0.3148,
0.3264

48.1434, 0.2893,
0.3648

59.2497, 0.3236,
0.3163

46.2261, 0.2819,
0.3803

62.9553, 0.3322,
0.3073

44.6213, 0.2756,
0.3969

66.2165, 0.3372,
0.2991

43.3109, 0.2706,
0.4144

66.7321, 0.3302,
0.2901

■ 42.2752, 0.2673,
0.4326

■ 67.2751, 0.3234,
0.2814

■ 41.4918, 0.2658,
0.4509

■ 67.8457, 0.3167,
0.2729

■ 40.9345, 0.2664,
0.4690

■ 67.9650, 0.3154,
0.2713

■ 40.5656, 0.2689,
0.4863

Harmonies

Analogous

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



52.9777, 0.3150, 0.3433



52.9777, 0.3060, 0.3379



52.9777, 0.2989, 0.3301

Triad

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



52.9777, 0.3060, 0.3379



52.9777, 0.3020, 0.3137



52.9777, 0.3303, 0.3355

Complementary

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



52.9777, 0.3060, 0.3379



48.4087, 0.3200, 0.3203

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.



52.9777, 0.3267, 0.3277



52.9777, 0.3060, 0.3379



52.9777, 0.3103, 0.3153

Square

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



52.9777, 0.3060, 0.3379



52.9777, 0.2966, 0.3162



52.9777, 0.3193, 0.3204



52.9777, 0.3290, 0.3417

Rectangle

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



52.9777, 0.3060, 0.3379



52.9777, 0.2962, 0.3247



52.9777, 0.3193, 0.3204



52.9777, 0.3296, 0.3330

Sweetspot

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



52.9800, 0.3060, 0.3379



98.8929, 0.3109, 0.3313



53.5431, 0.3176, 0.3479



21.1787, 0.3110, 0.3312



0.0000, 0.0000, 0.0000



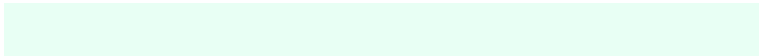
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.9800, 0.3060, 0.3379



95.2322, 0.3047, 0.3397



53.1796, 0.3010, 0.3287



11.3465, 0.3045, 0.3400



26.0320, 0.2689, 0.4879



1.1386, 0.2581, 0.4490

Inverse Universe

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



48.4087, 0.3200, 0.3203



85.4592, 0.3215, 0.3185



48.2148, 0.3257, 0.3294



10.1545, 0.3217, 0.3183



8.0503, 0.5073, 0.2568



0.3617, 0.4551, 0.2281

Previews

White Background



This preview shows how the Yxy color 52.9777, 0.3060, 0.3379 looks on a white background.

Color Contrast Check

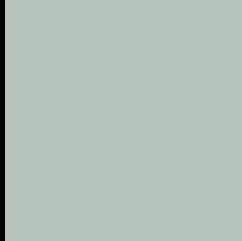
Large Text (above 18pt) WCAG AA × Fail

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 52.9777, 0.3060, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

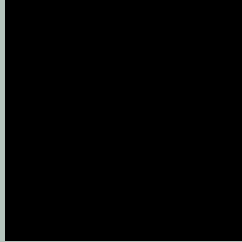
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

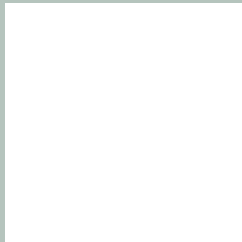
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9777, 0.3060, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 52.9777, 0.3060, 0.3379.



This preview shows how white text looks on a background with the Yxy color 52.9777, 0.3060, 0.3379.

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

52.9777, 0.3060, 0.3379

Protanopia

52.6771, 0.3215, 0.3352

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

52.8843, 0.2948, 0.3105

Trichromacy



Original Color

52.9777, 0.3060, 0.3379

Protanomaly

52.8042, 0.3156, 0.3365

Deuteranomaly

52.8240, 0.3209, 0.3290

Tritanomaly

52.8679, 0.2990, 0.3202

Monochromacy



Original Color

52.9777, 0.3060, 0.3379

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.4224, 0.3101, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9777, 0.3060, 0.3379 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(181, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 196, 189)  
}
```

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(181, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.9777, 0.3060, 0.3379 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(181, 196, 189) }
```

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

```
.border{ border-color:rgb(181, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9777, 0.3060, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 189) }
```

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

```
.background{ background-color: rgb(181,  
196, 189) }
```

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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