

Converting Colors

$Yxy(53.3506, 0.3022, 0.3253)$

Have a look what the booklet for
Yxy(53.3506, 0.3022, 0.3253)
contains.

Yxy(53.2978, 0.3019, 0.3252)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.2978, 0.3019, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	B8C3C6
RGB	184, 195, 198
RGB Percent	72%, 76%, 78%
CMY	0.2784, 0.2353, 0.2235
CMYK	0.07, 0.02, 0.00, 0.22
HSL	193°, 11%, 75%
HSV	193°, 7%, 78%
XYZ	49.4791, 53.2978, 61.1155
YIQ	192.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

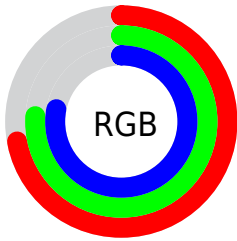
Format	Color
RYB	184, 190, 198
Decimal	12108742
CIELab	78.05, -3.17, -2.82
CIELCh	78, 4.244, 221.686
Yxy	53.2978, 0.3019, 0.3252
Android (android.graphics.Color)	4290298822 (0xFFB8C3C6)
YUV	192.0530, 2.9319, -7.0625
Hunter-Lab	73.0053, -6.7816, 1.4699

Details

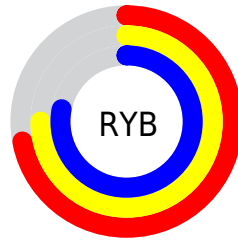
The Yxy color **53.2978, 0.3019, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0239, 0.3243, 0.3328**, and the grayscale version is **52.7335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3661, 0.3036, 0.3260**, and **25.8887, 0.2993, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **49.1377, 0.2868, 0.3194**, and if you desaturate by 10%, it is **57.8594, 0.3172, 0.3305**.

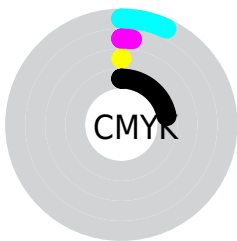
Distribution



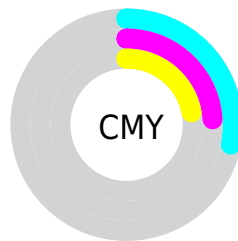
- Red (72%)
- Green (76%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2978, 0.3019, 0.3252 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 53.2978, 0.3019, 0.3252 by changing the saturation by 10% instead.

■ 53.2978, 0.3019,
0.3252

■ 53.2978, 0.3019,
0.3252

399.4266, 0.3072,
0.3271

■ 38.0406, 0.3006,
0.3247

■ 95.0424, 0.3038,
0.3259

■ 26.0142, 0.2990,
0.3241

122.2986, 0.3045,
0.3261

■ 16.8342, 0.2969,
0.3234

154.3232, 0.3051,
0.3264

■ 10.1164, 0.2940,
0.3223

191.5007, 0.3056,
0.3265

■ 5.4762, 0.2898,
0.3207

234.2153, 0.3061,
0.3267

■ 2.5293, 0.2832,
0.3181

282.8516, 0.3065,

■ 0.8912, 0.2707,

0.3269

0.3135

337.7939, 0.3069,
0.3270

0.0000, 0.0000,
0.0000

53.2978, 0.3019,
0.3252

53.2978, 0.3019,
0.3252

49.1377, 0.2868,
0.3194

57.8594, 0.3172,
0.3305

45.3577, 0.2721,
0.3130

62.8295, 0.3324,
0.3353

41.9446, 0.2582,
0.3062

68.2233, 0.3474,
0.3395

38.8815, 0.2453,
0.2990

72.4606, 0.3556,
0.3435

36.1502, 0.2339,
0.2914

74.6238, 0.3546,
0.3478

■ 33.7306, 0.2241,
0.2836

■ 76.8437, 0.3537,
0.3521

■ 31.5999, 0.2162,
0.2757

■ 79.1210, 0.3528,
0.3564

■ 29.7316, 0.2102,
0.2678

■ 81.4559, 0.3519,
0.3606

■ 28.0900, 0.2060,
0.2600

■ 83.8489, 0.3510,
0.3647

Harmonies

Analogous

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



53.2978, 0.3044, 0.3303



53.2978, 0.3019, 0.3252



53.2978, 0.3023, 0.3212

Triad

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



53.2978, 0.3019, 0.3252



53.2978, 0.3163, 0.3231



53.2978, 0.3200, 0.3388

Complementary

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



53.2978, 0.3019, 0.3252



51.0239, 0.3243, 0.3328

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.



53.2978, 0.3232, 0.3368



53.2978, 0.3019, 0.3252



53.2978, 0.3211, 0.3277

Square

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



53.2978, 0.3019, 0.3252



53.2978, 0.3106, 0.3201



53.2978, 0.3237, 0.3327



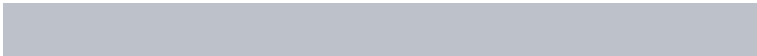
53.2978, 0.3148, 0.3382

Rectangle

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



53.2978, 0.3019, 0.3252



53.2978, 0.3042, 0.3197



53.2978, 0.3237, 0.3327



53.2978, 0.3213, 0.3384

Sweetspot

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



53.3001, 0.3019, 0.3252



98.3462, 0.3096, 0.3279



54.1682, 0.3099, 0.3431



21.0675, 0.3098, 0.3280



0.0000, 0.0000, 0.0000



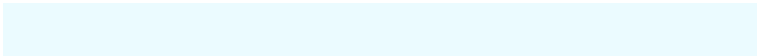
21.4041, 0.3127, 0.3290

Same Dimension

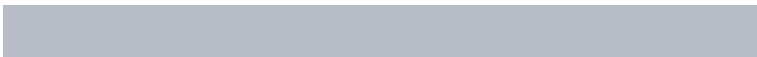
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3001, 0.3019, 0.3252



93.5608, 0.3003, 0.3246



50.3287, 0.3020, 0.3166



11.6645, 0.2984, 0.3239



18.0963, 0.2052, 0.2588



0.9563, 0.2097, 0.2751

Inverse Universe

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



50.2352, 0.3159, 0.3156



87.3879, 0.3164, 0.3135



53.9714, 0.3235, 0.3411



10.7760, 0.3170, 0.3111



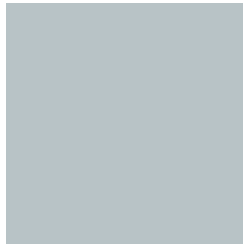
9.3668, 0.3836, 0.1887



0.4536, 0.3681, 0.1801

Previews

White Background



This preview shows how the Yxy color 53.2978, 0.3019, 0.3252 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 53.2978, 0.3019, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

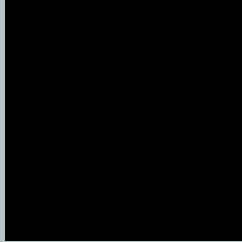
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

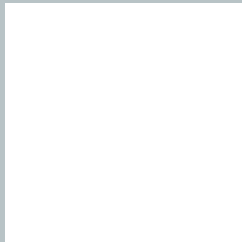
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2978, 0.3019, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 53.2978, 0.3019, 0.3252.



This preview shows how white text looks on a background with the Yxy color 53.2978, 0.3019, 0.3252.

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

53.2978, 0.3019, 0.3252

Protanopia

53.2869, 0.3121, 0.3241

Deuteranopia

53.1207, 0.3201, 0.3136



Tritanopia

53.1825, 0.2957, 0.3093

Trichromacy



Original Color

53.2978, 0.3019, 0.3252

Protanomaly

53.2475, 0.3082, 0.3241

Deuteranomaly

53.0925, 0.3132, 0.3181

Tritanomaly

53.3056, 0.2977, 0.3154

Monochromacy



Original Color

53.2978, 0.3019, 0.3252

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8538, 0.3088, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2978, 0.3019, 0.3252 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.2978, 0.3019, 0.3252 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, 198) }
```

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

```
.border{ border-color:rgb(184, 195, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2978, 0.3019, 0.3252 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, 198) }
```

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

```
.background{ background-color: rgb(184,  
195, 198) }
```

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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