

Converting Colors

$Yxy(53.1297, 0.2936, 0.3378)$

Have a look what the booklet for
Yxy(53.1297, 0.2936, 0.3378)
contains.

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Color

Yxy(52.9774, 0.2940, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	A8C7C0
RGB	168, 199, 192
RGB Percent	66%, 78%, 75%
CMY	0.3414, 0.2196, 0.2470
CMYK	0.16, 0.00, 0.04, 0.22
HSL	166°, 22%, 72%
HSV	166°, 16%, 78%
XYZ	46.0809, 52.9774, 57.6795
YIQ	188.9330, -16.2290, -8.7490

Conversions

Conversions Part 2

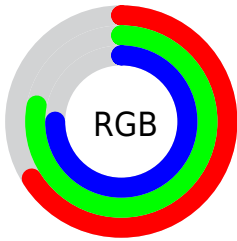
Format	Color
R_{YB}	168, 185, 199
Decimal	11061184
CIE _{Lab}	77.86, -11.78, 0.00
CIE _{LCh}	78, 11.783, 179.983
Yxy	52.9774, 0.2940, 0.3380
Android (android.graphics.Color)	4289251264 (0xFFA8C7C0)
YUV	188.9330, 1.5120, -18.3582
Hunter-Lab	72.7856, -14.3655, 3.9650

Details

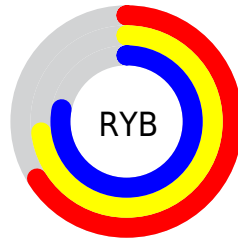
The Yxy color **52.9774, 0.2940, 0.3380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2255, 0.3354, 0.3202**, and the grayscale version is **50.8442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9853, 0.2972, 0.3360**, and **25.8279, 0.2891, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **50.7651, 0.2828, 0.3445**, and if you desaturate by 10%, it is **55.5344, 0.3059, 0.3321**.

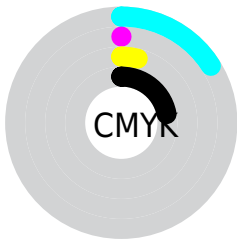
Distribution



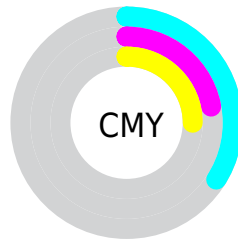
- Red (66%)
- Green (78%)
- Blue (75%)



- Red (66%)
- Yellow (73%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9774, 0.2940, 0.3380 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 52.9774, 0.2940, 0.3380 by changing the saturation by 10% instead.


 52.9774, 0.2940,
0.3380


 52.9774, 0.2940,
0.3380


398.1984, 0.3032,
0.3336

 37.7847, 0.2918,
0.3391


 94.5711, 0.2973,
0.3364

 25.8157, 0.2889,
0.3404


 121.7409, 0.2985,
0.3358

 16.6858, 0.2852,
0.3422


153.6719, 0.2996,
0.3353

 10.0107, 0.2802,
0.3446

190.7485, 0.3005,
0.3349

 5.4061, 0.2728,
0.3482

233.3551, 0.3013,
0.3345

 2.4874, 0.2612,
0.3537

281.8760, 0.3020,

 0.8703, 0.2289,

0.3342

0.3692

336.6956, 0.3026,
0.3339

0.0000, 0.0000,
0.0000

52.9774, 0.2940,
0.3380

52.9774, 0.2940,
0.3380

50.7651, 0.2828,
0.3445

55.5344, 0.3059,
0.3321

48.8756, 0.2726,
0.3515

58.4438, 0.3181,
0.3267

47.2949, 0.2636,
0.3589

61.7211, 0.3306,
0.3219

46.0051, 0.2562,
0.3668

65.3790, 0.3431,
0.3177

44.9864, 0.2505,
0.3749

66.9891, 0.3455,
0.3134

■ 44.2169, 0.2468,
0.3832

■ 67.2217, 0.3420,
0.3088

■ 43.6708, 0.2450,
0.3915

■ 67.4606, 0.3386,
0.3044

■ 43.3164, 0.2450,
0.3997

■ 67.7059, 0.3351,
0.2999

■ 43.1937, 0.2454,
0.4033

■ 67.9577, 0.3318,
0.2956

Harmonies

Analogous

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



52.9774, 0.3084, 0.3503



52.9774, 0.2940, 0.3380



52.9774, 0.2847, 0.3234

Triad

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



52.9774, 0.2940, 0.3380



52.9774, 0.3007, 0.3030



52.9774, 0.3437, 0.3462

Complementary

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



52.9774, 0.2940, 0.3380



43.2255, 0.3354, 0.3202

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.



52.9774, 0.3416, 0.3335



52.9774, 0.2940, 0.3380



52.9774, 0.3165, 0.3090

Square

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



52.9774, 0.2940, 0.3380



52.9774, 0.2885, 0.3035



52.9774, 0.3315, 0.3200



52.9774, 0.3372, 0.3548

Rectangle

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



52.9774, 0.2940, 0.3380



52.9774, 0.2825, 0.3145



52.9774, 0.3315, 0.3200



52.9774, 0.3440, 0.3423

Sweetspot

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



52.9796, 0.2940, 0.3380



97.4781, 0.3065, 0.3318



52.8157, 0.3165, 0.3697



20.7912, 0.3056, 0.3322



0.0000, 0.0000, 0.0000



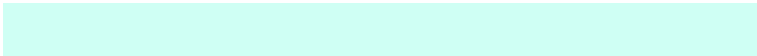
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9796, 0.2940, 0.3380



91.2583, 0.2898, 0.3403



49.5884, 0.2889, 0.3182



12.0251, 0.3013, 0.3342



27.7842, 0.2451, 0.4022



1.3259, 0.2403, 0.3850

Inverse Universe

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



43.2255, 0.3354, 0.3202



70.7012, 0.3420, 0.3180



46.1131, 0.3402, 0.3396



10.6754, 0.3255, 0.3238



7.9395, 0.5984, 0.3070



0.3873, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 52.9774, 0.2940, 0.3380 looks on a white background.

Color Contrast Check

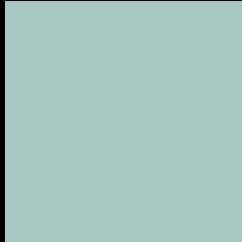
Large Text (above 18pt) WCAG AA × Fail

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 52.9774, 0.2940, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

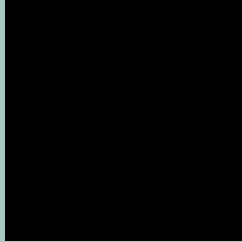
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

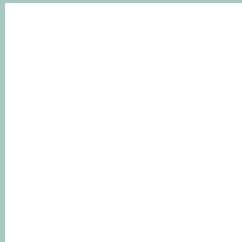
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9774, 0.2940, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 52.9774, 0.2940, 0.3380.



This preview shows how white text looks on a background with the Yxy color 52.9774, 0.2940, 0.3380.

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

52.9774, 0.2940, 0.3380

Protanopia

52.6282, 0.3191, 0.3327

Deuteranopia

52.6133, 0.3249, 0.3183



Tritanopia

53.0040, 0.2834, 0.3089

Trichromacy



Original Color

52.9774, 0.2940, 0.3380

Protanomaly

52.6968, 0.3100, 0.3353

Deuteranomaly

52.6260, 0.3129, 0.3253

Tritanomaly

52.9982, 0.2874, 0.3188

Monochromacy



Original Color

52.9774, 0.2940, 0.3380

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6814, 0.3054, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9774, 0.2940, 0.3380 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(168, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 199, 192)  
}
```

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(168, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 199, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.9774, 0.2940, 0.3380 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(168, 199, 192) }
```

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

```
.border{ border-color:rgb(168, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(168, 199,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9774, 0.2940, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 199, 192) }
```

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

```
.background{ background-color: rgb(168,  
199, 192) }
```

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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