

Converting Colors

$Yxy(52.7718, 0.2756, 0.3398)$

Have a look what the booklet for
Yxy(52.7718, 0.2756, 0.3398)
contains.

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Color

Yxy(52.5813, 0.2759, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	90CBC3
RGB	144, 203, 195
RGB Percent	56%, 80%, 76%
CMY	0.4350, 0.2040, 0.2352
CMYK	0.29, 0.00, 0.04, 0.20
HSL	172°, 36%, 68%
HSV	172°, 29%, 80%
XYZ	42.7184, 52.5813, 59.5333
YIQ	184.4470, -32.5960, -14.9960

Conversions

Conversions Part 2

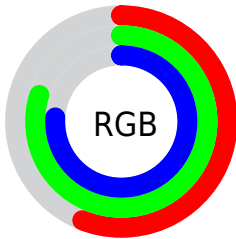
Format	Color
RYB	144, 176, 203
Decimal	9489347
CIELab	77.63, -20.57, -2.12
CIELCh	78, 20.677, 185.874
Yxy	52.5813, 0.2759, 0.3396
Android (android.graphics.Color)	4287679427 (0xFF90CBC3)
YUV	184.4470, 5.2026, -35.4720
Hunter-Lab	72.5130, -21.7408, 2.0819

Details

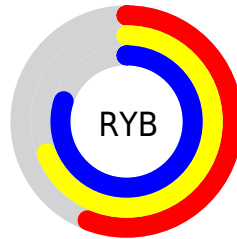
The Yxy color **52.5813, 0.2759, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9336, 0.3677, 0.3188**, and the grayscale version is **48.1867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6271, 0.2820, 0.3331**, and **25.6421, 0.2663, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **50.7926, 0.2652, 0.3438**, and if you desaturate by 10%, it is **54.7053, 0.2878, 0.3357**.

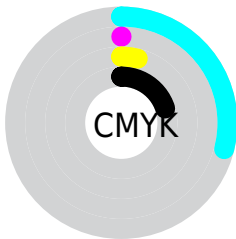
Distribution



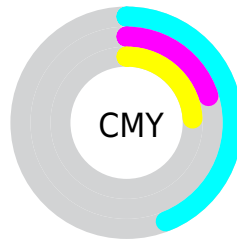
- Red (56%)
- Green (80%)
- Blue (76%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5813, 0.2759, 0.3396 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 52.5813, 0.2759, 0.3396 by changing the saturation by 10% instead.


 52.5813, 0.2759,
0.3396


 52.5813, 0.2759,
0.3396


396.6767, 0.2938,
0.3345

 37.4686, 0.2716,
0.3408


 93.9880, 0.2823,
0.3378

 25.5705, 0.2661,
0.3423


 121.0508, 0.2847,
0.3371

 16.5026, 0.2589,
0.3442


152.8657, 0.2868,
0.3365

 9.8805, 0.2492,
0.3467

189.8172, 0.2886,
0.3360

 5.3198, 0.2352,
0.3503

232.2897, 0.2902,
0.3356

 2.4361, 0.2135,
0.3555

280.6675, 0.2915,

 0.8444, 0.1356,

0.3352

0.3811

335.3350, 0.2927,
0.3349

0.0000, 0.0000,
0.0000

52.5813, 0.2759,
0.3396

52.5813, 0.2759,
0.3396

50.7926, 0.2652,
0.3438

54.7053, 0.2878,
0.3357

49.3150, 0.2559,
0.3483

57.1744, 0.3006,
0.3320

48.1316, 0.2484,
0.3529


60.0060, 0.3140,
0.3287

47.2208, 0.2427,
0.3576


63.2145, 0.3278,
0.3257

46.5584, 0.2389,
0.3624

66.8133, 0.3418,
0.3230

 46.1156, 0.2371,
0.3671


 68.6950, 0.3471,
0.3204

 45.8449, 0.2368,
0.3718

 68.8345, 0.3450,
0.3176

 45.8214, 0.2367,
0.3723

 68.9764, 0.3429,
0.3148

 69.1206, 0.3408,
0.3121

Harmonies

Analogous

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



52.5813, 0.2994, 0.3637



52.5813, 0.2759, 0.3396



52.5813, 0.2624, 0.3135

Triad

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



52.5813, 0.2759, 0.3396



52.5813, 0.2965, 0.2855



52.5813, 0.3663, 0.3621

Complementary

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



52.5813, 0.2759, 0.3396



34.9336, 0.3677, 0.3188

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.



52.5813, 0.3658, 0.3407



52.5813, 0.2759, 0.3396



52.5813, 0.3245, 0.2977

Square

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



52.5813, 0.2759, 0.3396



52.5813, 0.2738, 0.2836



52.5813, 0.3503, 0.3175



52.5813, 0.3519, 0.3761

Rectangle

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



52.5813, 0.2759, 0.3396



52.5813, 0.2604, 0.2990



52.5813, 0.3503, 0.3175



52.5813, 0.3679, 0.3555

Sweetspot

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



52.5834, 0.2759, 0.3396



95.7056, 0.3005, 0.3320



51.4864, 0.3154, 0.4110



20.3466, 0.2986, 0.3326



0.0000, 0.0000, 0.0000



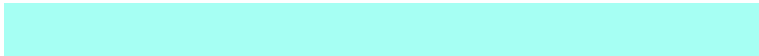
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5834, 0.2759, 0.3396



86.0659, 0.2688, 0.3423



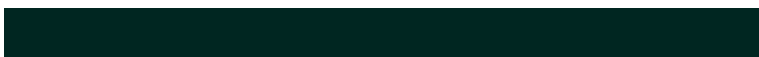
43.8550, 0.2681, 0.3007



12.6999, 0.3001, 0.3321



29.1741, 0.2366, 0.3716



1.5125, 0.2340, 0.3624

Inverse Universe

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



34.9336, 0.3677, 0.3188



51.6494, 0.3851, 0.3165



41.5117, 0.3689, 0.3556



11.2380, 0.3269, 0.3259



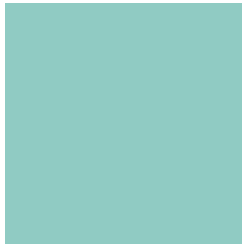
8.1397, 0.6210, 0.3194



0.4282, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 52.5813, 0.2759, 0.3396 looks on a white background.

Color Contrast Check

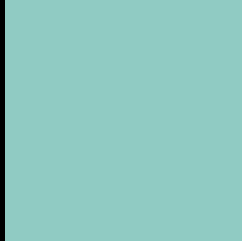
Large Text (above 18pt) WCAG AA × Fail

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 52.5813, 0.2759, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

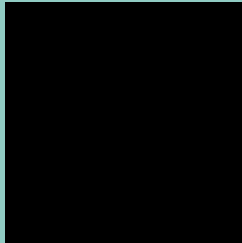
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

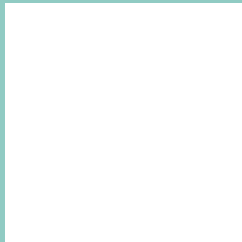
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5813, 0.2759, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 52.5813, 0.2759, 0.3396.



This preview shows how white text looks on a background with the Yxy color 52.5813, 0.2759, 0.3396.

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

52.5813, 0.2759, 0.3396

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

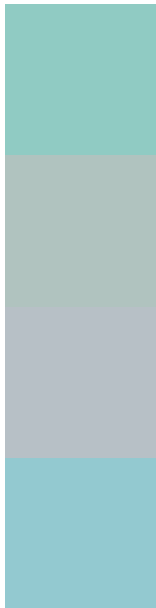
51.9433, 0.3193, 0.3123



Tritanopia

52.6560, 0.2660, 0.3082

Trichromacy



Original Color

52.5813, 0.2759, 0.3396

Protanomaly

52.0219, 0.3007, 0.3341

Deuteranomaly

51.8438, 0.3011, 0.3214

Tritanomaly

52.5304, 0.2696, 0.3197

Monochromacy



Original Color

52.5813, 0.2759, 0.3396

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3275, 0.2974, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5813, 0.2759, 0.3396 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(144, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(144, 203, 195)  
}
```

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(144, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 203, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.5813, 0.2759, 0.3396 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(144, 203, 195) }
```

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

```
.border{ border-color:rgb(144, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(144, 203,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5813, 0.2759, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 203, 195) }
```

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

```
.background{ background-color: rgb(144,  
203, 195) }
```

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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