

Converting Colors

$Yxy(52.6509, 0.2791, 0.3501)$

Have a look what the booklet for
Yxy(52.6509, 0.2791, 0.3501)
contains.

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Color

Yxy(52.6562, 0.2796, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	8FCCBC
RGB	143, 204, 188
RGB Percent	56%, 80%, 74%
CMY	0.4394, 0.2000, 0.2627
CMYK	0.30, 0.00, 0.08, 0.20
HSL	164°, 37%, 68%
HSV	164°, 30%, 80%
XYZ	41.9928, 52.6562, 55.5398
YIQ	183.9370, -31.2200, -17.9080

Conversions

Conversions Part 2

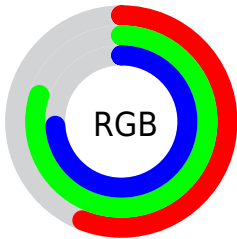
Format	Color
RYB	143, 178, 204
Decimal	9424060
CIELab	77.67, -22.94, 1.70
CIELCh	78, 23.004, 175.756
Yxy	52.6562, 0.2796, 0.3506
Android (android.graphics.Color)	4287614140 (0xFF8FCCBC)
YUV	183.9370, 2.0031, -35.9017
Hunter-Lab	72.5646, -23.6909, 5.4156

Details

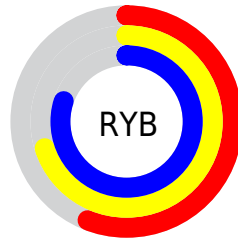
The Yxy color **52.6562, 0.2796, 0.3506** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9699, 0.3616, 0.3086**, and the grayscale version is **47.8939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0574, 0.2851, 0.3406**, and **25.7356, 0.2704, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **50.7747, 0.2703, 0.3591**, and if you desaturate by 10%, it is **54.8815, 0.2900, 0.3427**.

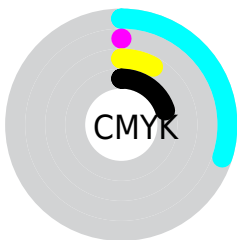
Distribution



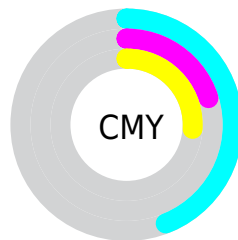
- Red (56%)
- Green (80%)
- Blue (74%)



- Red (56%)
- Yellow (70%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6562, 0.2796, 0.3506 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 52.6562, 0.2796, 0.3506 by changing the saturation by 10% instead.


 52.6562, 0.2796,
0.3506


 52.6562, 0.2796,
0.3506

396.9647, 0.2958,
0.3400

 37.5284, 0.2756,
0.3532


 94.0983, 0.2854,
0.3468

 25.6169, 0.2706,
0.3566


 121.1813, 0.2876,
0.3453

 16.5372, 0.2640,
0.3610


153.0183, 0.2895,
0.3441

 9.9051, 0.2550,
0.3670

189.9934, 0.2911,
0.3430

 5.3361, 0.2419,
0.3759

232.4913, 0.2925,
0.3421

 2.4458, 0.2213,
0.3902

280.8962, 0.2938,

 0.8493, 0.1300,

0.3413

0.4465


335.5925, 0.2949,
0.3406


 0.0000, 0.0000,
0.0000


 52.6562, 0.2796,
0.3506


 52.6562, 0.2796,
0.3506

 50.7747, 0.2703,
0.3591


 54.8815, 0.2900,
0.3427

 49.2126, 0.2622,
0.3681


 57.4610, 0.3012,
0.3355

 47.9523, 0.2559,
0.3775

 60.4123, 0.3128,
0.3290

 46.9718, 0.2513,
0.3872

 63.7502, 0.3247,
0.3231

 46.2459, 0.2487,
0.3970

 67.4884, 0.3366,
0.3179

■ 45.7452, 0.2481,
0.4068

■ 69.6226, 0.3404,
0.3128

■ 45.4147, 0.2491,
0.4166

■ 69.9103, 0.3364,
0.3074

■ 45.4126, 0.2491,
0.4166

■ 70.2072, 0.3324,
0.3022

■ 70.5133, 0.3285,
0.2970

Harmonies

Analogous

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



52.6562, 0.3080, 0.3746



52.6562, 0.2796, 0.3506



52.6562, 0.2605, 0.3210

Triad

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



52.6562, 0.2796, 0.3506



52.6562, 0.2852, 0.2788



52.6562, 0.3742, 0.3581

Complementary

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



52.6562, 0.2796, 0.3506



34.9699, 0.3616, 0.3086

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.



52.6562, 0.3677, 0.3330



52.6562, 0.2796, 0.3506



52.6562, 0.3151, 0.2887

Square

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



52.6562, 0.2796, 0.3506



52.6562, 0.2636, 0.2809



52.6562, 0.3457, 0.3081



52.6562, 0.3632, 0.3773

Rectangle

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



52.6562, 0.2796, 0.3506



52.6562, 0.2551, 0.3031



52.6562, 0.3457, 0.3081



52.6562, 0.3740, 0.3500

Sweetspot

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



52.6583, 0.2796, 0.3506



95.5232, 0.3021, 0.3349



52.5677, 0.3209, 0.4126



20.3014, 0.3004, 0.3360



0.0000, 0.0000, 0.0000



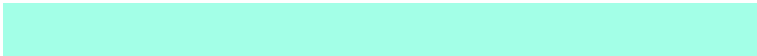
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6583, 0.2796, 0.3506



85.0951, 0.2733, 0.3561



46.9201, 0.2678, 0.3096



12.6749, 0.3018, 0.3351



28.5955, 0.2487, 0.4152



1.4872, 0.2434, 0.3963

Inverse Universe

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



34.9699, 0.3616, 0.3086



51.1235, 0.3768, 0.3040



39.0015, 0.3738, 0.3475



11.2611, 0.3250, 0.3230



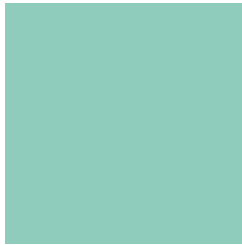
8.2574, 0.5873, 0.3009



0.4388, 0.5300, 0.2694

Previews

White Background



This preview shows how the Yxy color 52.6562, 0.2796, 0.3506 looks on a white background.

Color Contrast Check

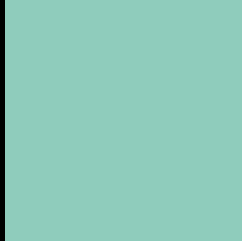
Large Text (above 18pt) WCAG AA × Fail

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 52.6562, 0.2796, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

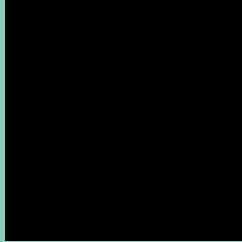
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

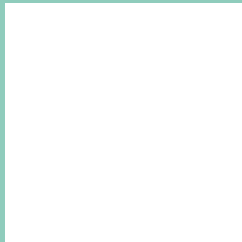
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6562, 0.2796, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 52.6562, 0.2796, 0.3506.

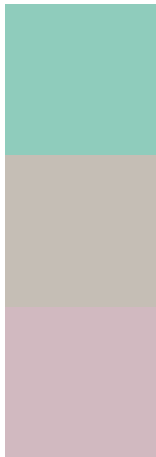


This preview shows how white text looks on a background with the Yxy color 52.6562, 0.2796, 0.3506.

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

52.6562, 0.2796, 0.3506

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

52.0590, 0.3275, 0.3207



Tritanopia

52.6560, 0.2660, 0.3082

Trichromacy



Original Color

52.6562, 0.2796, 0.3506

Protanomaly

51.8380, 0.3065, 0.3432

Deuteranomaly

51.7751, 0.3078, 0.3302

Tritanomaly

52.4326, 0.2708, 0.3223

Monochromacy



Original Color

52.6562, 0.2796, 0.3506

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.1994, 0.2996, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6562, 0.2796, 0.3506 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(143, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 188)  
}
```

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(143, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.6562, 0.2796, 0.3506 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(143, 204, 188) }
```

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

```
.border{ border-color:rgb(143, 204, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 204, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 204, 188); box-shadow:4px 4px 4px 4px rgb(143, 204, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6562, 0.2796, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 188) }
```

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

```
.background{ background-color: rgb(143,  
204, 188) }
```

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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