

Converting Colors

$Yxy(54.9622, 0.2766, 0.3248)$

Have a look what the booklet for
Yxy(54.9622, 0.2766, 0.3248)
contains.

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Color

Yxy(54.8588, 0.2771, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	9DCCCF
RGB	157, 204, 207
RGB Percent	62%, 80%, 81%
CMY	0.3840, 0.2001, 0.1882
CMYK	0.24, 0.01, 0.00, 0.19
HSL	184°, 34%, 71%
HSV	184°, 24%, 81%
XYZ	46.7735, 54.8588, 67.1641
YIQ	190.2890, -28.9750, -9.0310

Conversions

Conversions Part 2

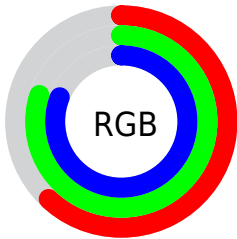
Format	Color
RYB	157, 181, 207
Decimal	10341583
CIELab	78.96, -14.56, -6.53
CIElCh	79, 15.954, 204.148
Yxy	54.8588, 0.2771, 0.3250
Android (android.graphics.Color)	4288531663 (0xFF9DCCCF)
YUV	190.2890, 8.2385, -29.1945
Hunter-Lab	74.0667, -16.8933, -1.9177

Details

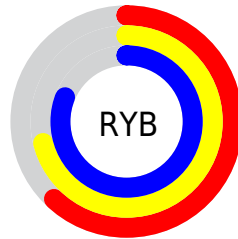
The Yxy color **54.8588, 0.2771, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8870, 0.3617, 0.3330**, and the grayscale version is **51.6425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **27.0557, 0.2675, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **52.3559, 0.2640, 0.3231**, and if you desaturate by 10%, it is **57.7238, 0.2913, 0.3268**.

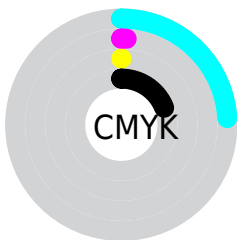
Distribution



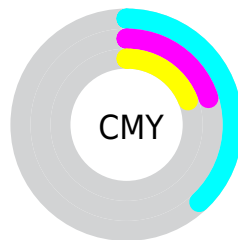
- Red (62%)
- Green (80%)
- Blue (81%)



- Red (62%)
- Yellow (71%)
- Blue (81%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)




- Cyan (38%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8588, 0.2771, 0.3250 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 54.8588, 0.2771, 0.3250 by changing the saturation by 10% instead.


 54.8588, 0.2771,
0.3250


 54.8588, 0.2771,
0.3250


405.3765, 0.2942,
0.3272

 39.2887, 0.2730,
0.3244


 97.3340, 0.2832,
0.3258

 26.9844, 0.2679,
0.3236


 125.0080, 0.2855,
0.3261

 17.5615, 0.2612,
0.3226


157.4853, 0.2875,
0.3264

 10.6356, 0.2522,
0.3210

195.1504, 0.2892,
0.3266

 5.8224, 0.2395,
0.3185

238.3876, 0.2907,
0.3268

 2.7374, 0.2202,
0.3142

287.5815, 0.2920,

 0.9962, 0.1813,

0.3269

0.3074

343.1163, 0.2932,
0.3271

■ 0.0000, 0.0000,
0.0000

■ 54.8588, 0.2771,
0.3250

■ 54.8588, 0.2771,
0.3250

■ 52.3559, 0.2640,
0.3231

■ 57.7238, 0.2913,
0.3268

■ 50.1906, 0.2523,
0.3212

■ 60.9608, 0.3064,
0.3284

■ 48.3460, 0.2422,
0.3192

■ 64.5875, 0.3219,
0.3299

■ 46.8006, 0.2339,
0.3171

■ 68.6185, 0.3377,
0.3312

■ 45.5305, 0.2276,
0.3151

■ 71.9911, 0.3492,
0.3324

■ 44.5082, 0.2231,
0.3130

■ 72.6151, 0.3489,
0.3337

■ 43.7002, 0.2204,
0.3110

■ 73.2439, 0.3487,
0.3350

■ 43.2899, 0.2194,
0.3098

■ 73.8777, 0.3485,
0.3363

■ 74.5163, 0.3482,
0.3375

Harmonies

Analogous

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



54.8588, 0.2910, 0.3447



54.8588, 0.2771, 0.3250



54.8588, 0.2725, 0.3073

Triad

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



54.8588, 0.2771, 0.3250



54.8588, 0.3134, 0.3003



54.8588, 0.3480, 0.3618

Complementary

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



54.8588, 0.2771, 0.3250



40.8870, 0.3617, 0.3330

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.



54.8588, 0.3547, 0.3487



54.8588, 0.2771, 0.3250



54.8588, 0.3343, 0.3138

Square

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



54.8588, 0.2771, 0.3250



54.8588, 0.2929, 0.2939



54.8588, 0.3496, 0.3312



54.8588, 0.3319, 0.3664

Rectangle

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



54.8588, 0.2771, 0.3250



54.8588, 0.2752, 0.2989



54.8588, 0.3496, 0.3312



54.8588, 0.3515, 0.3582

Sweetspot

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



54.8610, 0.2771, 0.3250



96.0810, 0.3018, 0.3279



54.3334, 0.3079, 0.3932



20.4961, 0.3009, 0.3278



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.



54.8610, 0.2771, 0.3250



85.7393, 0.2701, 0.3240



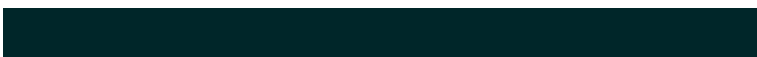
44.1454, 0.2744, 0.2925



13.2790, 0.2983, 0.3275



27.3209, 0.2195, 0.3101



1.5657, 0.2205, 0.3138

Inverse Universe

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



41.7696, 0.3182, 0.2728



61.2623, 0.3195, 0.2606



50.2137, 0.3548, 0.3630



11.9962, 0.3147, 0.3075



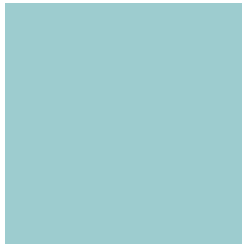
10.8293, 0.3366, 0.1628



0.6094, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 54.8588, 0.2771, 0.3250 looks on a white background.

Color Contrast Check

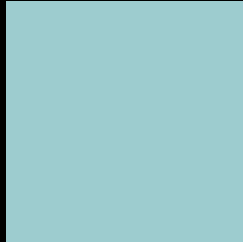
Large Text (above 18pt) WCAG AA × Fail

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 54.8588, 0.2771, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

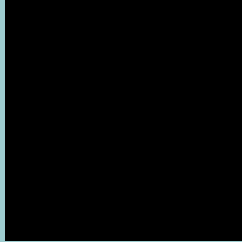
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

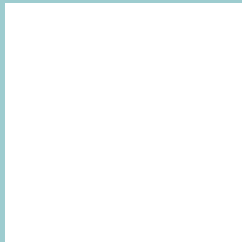
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8588, 0.2771, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 54.8588, 0.2771, 0.3250.

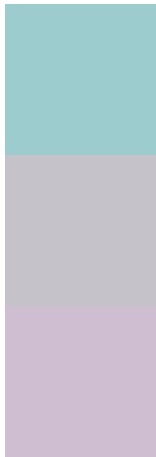


This preview shows how white text looks on a background with the Yxy color 54.8588, 0.2771, 0.3250.

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

54.8588, 0.2771, 0.3250

Protanopia

54.6709, 0.3099, 0.3205

Deuteranopia

54.3137, 0.3114, 0.3044



Tritanopia

54.6739, 0.2715, 0.3087

Trichromacy



Original Color

54.8588, 0.2771, 0.3250

Protanomaly

54.6450, 0.2969, 0.3228

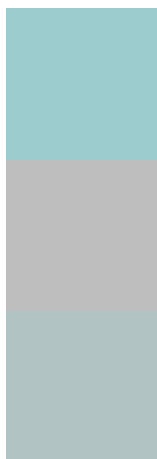
Deuteranomaly

54.0058, 0.2980, 0.3107

Tritanomaly

54.8360, 0.2733, 0.3149

Monochromacy



Original Color

54.8588, 0.2771, 0.3250

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.4807, 0.2987, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8588, 0.2771, 0.3250 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(157, 204, 207)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 207)  
}
```

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(157, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 207) }
```

Border

The CSS property to change the border of an element to Yxy 54.8588, 0.2771, 0.3250 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(157, 204, 207) }
```

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

```
.border{ border-color:rgb(157, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(157, 204,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8588, 0.2771, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 207) }
```

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

```
.background{ background-color: rgb(157,  
204, 207) }
```

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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