

Converting Colors

$Yxy(54.3435, 0.2753, 0.3336)$

Have a look what the booklet for
Yxy(54.3435, 0.2753, 0.3336)
contains.

Yxy(54.3165, 0.2750, 0.3328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3165, 0.2750, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	95CDCA
RGB	149, 205, 202
RGB Percent	58%, 80%, 79%
CMY	0.4158, 0.1960, 0.2077
CMYK	0.27, 0.00, 0.01, 0.20
HSL	177°, 36%, 69%
HSV	177°, 27%, 80%
XYZ	44.8829, 54.3165, 64.0112
YIQ	187.9140, -32.4130, -12.8050

Conversions

Conversions Part 2

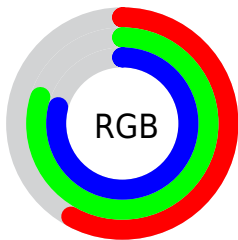
Format	Color
RYB	149, 178, 205
Decimal	9817546
CIELab	78.65, -18.60, -4.36
CIElCh	79, 19.101, 193.198
Yxy	54.3165, 0.2750, 0.3328
Android (android.graphics.Color)	4288007626 (0xFF95CDCA)
YUV	187.9140, 6.9444, -34.1276
Hunter-Lab	73.6997, -20.2685, 0.0940

Details

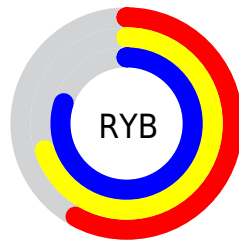
The Yxy color **54.3165, 0.2750, 0.3328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7276, 0.3684, 0.3253**, and the grayscale version is **50.2090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **26.7581, 0.2653, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **52.5063, 0.2633, 0.3344**, and if you desaturate by 10%, it is **56.4709, 0.2880, 0.3313**.

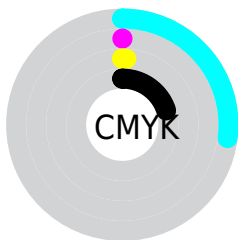
Distribution



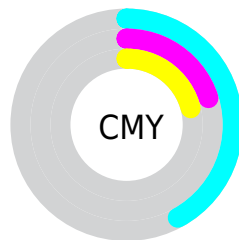
- Red (58%)
- Green (80%)
- Blue (79%)



- Red (58%)
- Yellow (70%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)





- Cyan (42%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3165, 0.2750, 0.3328 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 54.3165, 0.2750, 0.3328 by changing the saturation by 10% instead.


 54.3165, 0.2750,
0.3328


 54.3165, 0.2750,
0.3328


403.3158, 0.2932,
0.3312

 38.8548, 0.2706,
0.3331

 96.5388, 0.2815,
0.3323

 26.6468, 0.2651,
0.3335


 124.0681, 0.2839,
0.3320

 17.3081, 0.2580,
0.3340


156.3888, 0.2861,
0.3319

 10.4544, 0.2484,
0.3345

193.8852, 0.2879,
0.3317

 5.7013, 0.2347,
0.3350

236.9417, 0.2895,
0.3315

 2.6643, 0.2138,
0.3352

285.9427, 0.2909,


 0.9591, 0.1619,


0.3314


0.3407


341.2726, 0.2921,
0.3313


 0.0000, 0.0000,
0.0000

 54.3165, 0.2750,
0.3328

 54.3165, 0.2750,
0.3328

 52.5063, 0.2633,
0.3344


 56.4709, 0.2880,
0.3313


 51.0158, 0.2531,
0.3361


 58.9793, 0.3020,
0.3299


 49.8278, 0.2446,
0.3378

 61.8593, 0.3167,
0.3287

 48.9208, 0.2381,
0.3395

 65.1255, 0.3318,
0.3275

 48.2704, 0.2334,
0.3413

 68.7916, 0.3470,
0.3265

■ 47.8483, 0.2306,
0.3431

■ 69.5098, 0.3490,
0.3255

■ 47.6151, 0.2294,
0.3448

■ 69.5639, 0.3481,
0.3243

■ 47.5669, 0.2293,
0.3453

■ 69.6184, 0.3473,
0.3232

■ 69.6732, 0.3465,
0.3221

Harmonies

Analogous

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



54.3165, 0.2947, 0.3558



54.3165, 0.2750, 0.3328



54.3165, 0.2653, 0.3097

Triad

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



54.3165, 0.2750, 0.3328



54.3165, 0.3040, 0.2910



54.3165, 0.3596, 0.3634

Complementary

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



54.3165, 0.2750, 0.3328



36.7276, 0.3684, 0.3253

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.



54.3165, 0.3626, 0.3450



54.3165, 0.2750, 0.3328



54.3165, 0.3298, 0.3042

Square

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



54.3165, 0.2750, 0.3328



54.3165, 0.2815, 0.2868



54.3165, 0.3516, 0.3236



54.3165, 0.3437, 0.3735

Rectangle

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



54.3165, 0.2750, 0.3328



54.3165, 0.2655, 0.2977



54.3165, 0.3516, 0.3236



54.3165, 0.3622, 0.3579

Sweetspot

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



54.3187, 0.2750, 0.3328



96.2644, 0.3009, 0.3300



52.5788, 0.3118, 0.4065



20.4638, 0.2987, 0.3302



0.0000, 0.0000, 0.0000



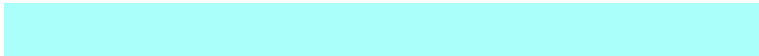
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3187, 0.2750, 0.3328



87.0959, 0.2677, 0.3338



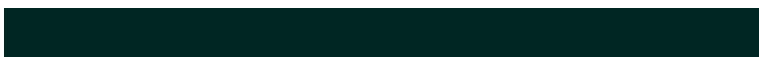
43.7285, 0.2700, 0.2961



12.7163, 0.2991, 0.3302



29.6135, 0.2292, 0.3450



1.5310, 0.2282, 0.3416

Inverse Universe

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



36.7276, 0.3684, 0.3253



53.4373, 0.3859, 0.3245



45.1315, 0.3634, 0.3598



11.2232, 0.3282, 0.3278



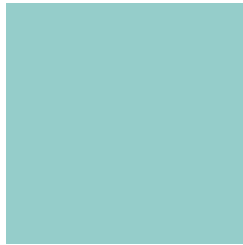
8.0993, 0.6337, 0.3265



0.4213, 0.6128, 0.3150

Previews

White Background



This preview shows how the Yxy color 54.3165, 0.2750, 0.3328 looks on a white background.

Color Contrast Check

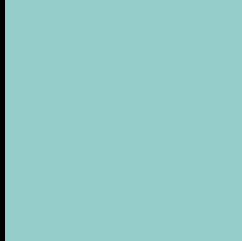
Large Text (above 18pt) WCAG AA × Fail

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 54.3165, 0.2750, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

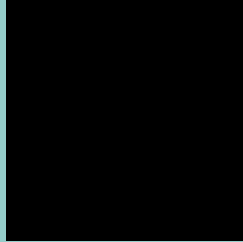
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3165, 0.2750, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 54.3165, 0.2750, 0.3328.

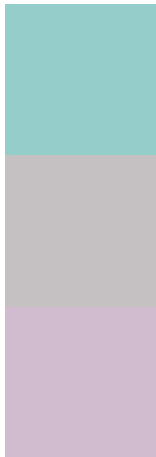


This preview shows how white text looks on a background with the Yxy color 54.3165, 0.2750, 0.3328.

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

54.3165, 0.2750, 0.3328

Protanopia

53.9504, 0.3144, 0.3266

Deuteranopia

53.8326, 0.3153, 0.3079



Tritanopia

54.1278, 0.2671, 0.3073

Trichromacy



Original Color

54.3165, 0.2750, 0.3328

Protanomaly

53.7130, 0.2988, 0.3277

Deuteranomaly

53.5561, 0.2992, 0.3154

Tritanomaly

54.1914, 0.2701, 0.3160

Monochromacy



Original Color

54.3165, 0.2750, 0.3328

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.4325, 0.2978, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3165, 0.2750, 0.3328 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(149, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(149, 205, 202)  
}
```

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(149, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 205, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.3165, 0.2750, 0.3328 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(149, 205, 202) }
```

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

```
.border{ border-color:rgb(149, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(149, 205,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3165, 0.2750, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 205, 202) }
```

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

```
.background{ background-color: rgb(149,  
205, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor