

Converting Colors

$Yxy(54.1442, 0.2801, 0.3302)$

Have a look what the booklet for
Yxy(54.1442, 0.2801, 0.3302)
contains.

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Color

Yxy(54.1442, 0.2801, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	9DCBCA
RGB	157, 203, 202
RGB Percent	62%, 80%, 79%
CMY	0.3841, 0.2040, 0.2079
CMYK	0.23, 0.00, 0.00, 0.20
HSL	179°, 31%, 71%
HSV	179°, 23%, 80%
XYZ	45.9291, 54.1442, 63.9007
YIQ	189.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

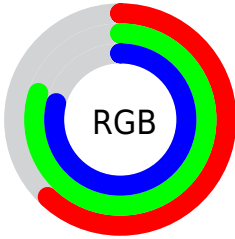
Format	Color
RYB	157, 180, 203
Decimal	10341322
CIELab	78.55, -15.16, -4.44
CIELCh	79, 15.799, 196.312
Yxy	54.1442, 0.2801, 0.3302
Android (android.graphics.Color)	4288531402 (0xFF9DCBCA)
YUV	189.1320, 6.3439, -28.1798
Hunter-Lab	73.5827, -17.3531, 0.0194

Details

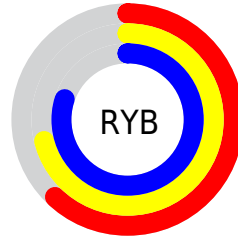
The Yxy color **54.1442, 0.2801, 0.3302** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.3018, 0.3576, 0.3279**, and the grayscale version is **50.9503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **26.5761, 0.2712, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **52.2495, 0.2674, 0.3308**, and if you desaturate by 10%, it is **56.3827, 0.2940, 0.3296**.

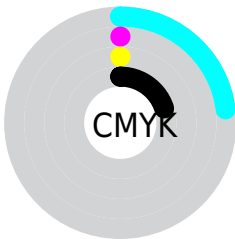
Distribution



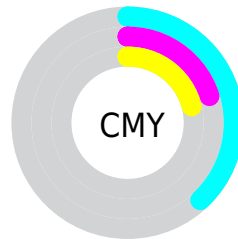
- Red (62%)
- Green (80%)
- Blue (79%)



- Red (62%)
- Yellow (71%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)




- Cyan (38%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1442, 0.2801, 0.3302 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 54.1442, 0.2801, 0.3302 by changing the saturation by 10% instead.


 54.1442, 0.2801,
0.3302

 54.1442, 0.2801,
0.3302

402.6597, 0.2959,
0.3298

 38.7170, 0.2763,
0.3302


 96.2859, 0.2857,
0.3301

 26.5396, 0.2715,
0.3303


 123.7692, 0.2879,
0.3300

 17.2278, 0.2653,
0.3303


156.0400, 0.2897,
0.3300

 10.3970, 0.2569,
0.3302

193.4826, 0.2913,
0.3299

 5.6630, 0.2450,
0.3299

236.4815, 0.2926,
0.3299

 2.6413, 0.2266,
0.3290

285.4210, 0.2938,

 0.9474, 0.1845,

0.3299

0.3304

340.6856, 0.2949,
0.3298

0.0000, 0.0000,
0.0000

54.1442, 0.2801,
0.3302

54.1442, 0.2801,
0.3302

52.2495, 0.2674,
0.3308

56.3827, 0.2940,
0.3296

50.6751, 0.2562,
0.3315

58.9738, 0.3087,
0.3291

49.4051, 0.2467,
0.3321

61.9345, 0.3241,
0.3287

48.4196, 0.2390,
0.3328

65.2785, 0.3398,
0.3283

47.6962, 0.2333,
0.3335

68.3375, 0.3527,
0.3279

■ 47.2092, 0.2294,
0.3342

■ 68.3588, 0.3524,
0.3274

■ 46.9279, 0.2273,
0.3349

■ 68.3801, 0.3520,
0.3270

■ 46.8115, 0.2265,
0.3354

■ 68.4015, 0.3517,
0.3265

■ 68.4230, 0.3514,
0.3261

Harmonies

Analogous

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



54.1442, 0.2959, 0.3493



54.1442, 0.2801, 0.3302



54.1442, 0.2729, 0.3115

Triad

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



54.1442, 0.2801, 0.3302



54.1442, 0.3078, 0.2980



54.1442, 0.3506, 0.3589

Complementary

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



54.1442, 0.2801, 0.3302



39.3018, 0.3576, 0.3279

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.



54.1442, 0.3542, 0.3443



54.1442, 0.2801, 0.3302



54.1442, 0.3290, 0.3098

Square

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



54.1442, 0.2801, 0.3302



54.1442, 0.2885, 0.2938



54.1442, 0.3463, 0.3265



54.1442, 0.3366, 0.3660

Rectangle

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



54.1442, 0.2801, 0.3302



54.1442, 0.2738, 0.3019



54.1442, 0.3463, 0.3265



54.1442, 0.3531, 0.3547

Sweetspot

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



54.1464, 0.2801, 0.3302



96.7453, 0.3020, 0.3294



52.4741, 0.3109, 0.3916



20.6505, 0.3011, 0.3294



0.0000, 0.0000, 0.0000



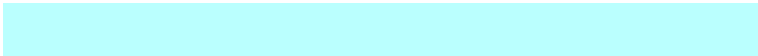
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1464, 0.2801, 0.3302



89.1016, 0.2739, 0.3305



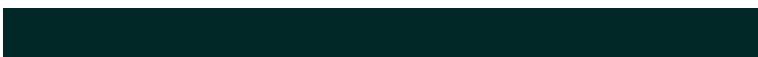
44.7614, 0.2773, 0.3003



12.7227, 0.2986, 0.3295



29.7951, 0.2265, 0.3353



1.5385, 0.2261, 0.3340

Inverse Universe

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



39.3018, 0.3576, 0.3279



60.0568, 0.3702, 0.3276



47.1708, 0.3528, 0.3561



11.2176, 0.3287, 0.3285



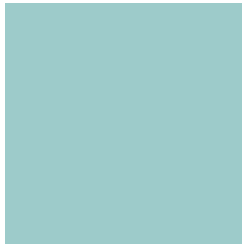
8.0879, 0.6374, 0.3285



0.4187, 0.6285, 0.3236

Previews

White Background



This preview shows how the Yxy color 54.1442, 0.2801, 0.3302 looks on a white background.

Color Contrast Check

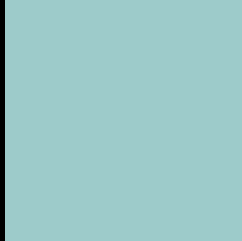
Large Text (above 18pt) WCAG AA × Fail

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 54.1442, 0.2801, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

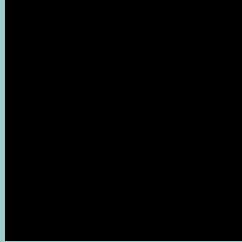
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

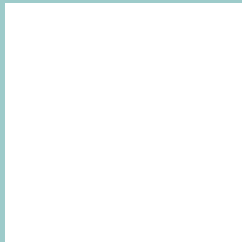
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1442, 0.2801, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 54.1442, 0.2801, 0.3302.

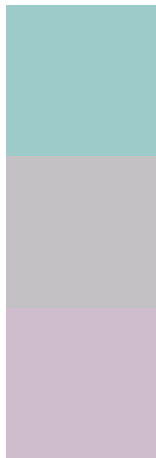


This preview shows how white text looks on a background with the Yxy color 54.1442, 0.2801, 0.3302.

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

54.1442, 0.2801, 0.3302

Protanopia

53.8612, 0.3129, 0.3253

Deuteranopia

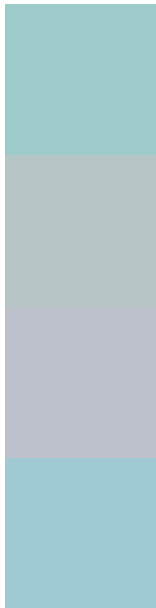
53.6396, 0.3153, 0.3090



Tritanopia

54.2566, 0.2726, 0.3087

Trichromacy



Original Color

54.1442, 0.2801, 0.3302

Protanomaly

53.9548, 0.3004, 0.3277

Deuteranomaly

53.3184, 0.3015, 0.3155

Tritanomaly

54.3655, 0.2751, 0.3162

Monochromacy



Original Color

54.1442, 0.2801, 0.3302

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8257, 0.2994, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1442, 0.2801, 0.3302 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, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(157, 203, 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(157, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 203, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.1442, 0.2801, 0.3302 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, 203, 202) }
```

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

```
.border{ border-color:rgb(157, 203, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 203, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(157, 203,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1442, 0.2801, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 203, 202) }
```

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

```
.background{ background-color: rgb(157,  
203, 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](#).

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