

Converting Colors

$Yxy(49.9394, 0.2656, 0.3146)$

Have a look what the booklet for
Yxy(49.9394, 0.2656, 0.3146)
contains.

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Color

Yxy(50.1002, 0.2658, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	8DC5CF
RGB	141, 197, 207
RGB Percent	55%, 77%, 81%
CMY	0.4473, 0.2274, 0.1882
CMYK	0.32, 0.05, 0.00, 0.19
HSL	189°, 41%, 68%
HSV	189°, 32%, 81%
XYZ	42.2080, 50.1002, 66.4880
YIQ	181.3960, -36.5860, -8.7620

Conversions

Conversions Part 2

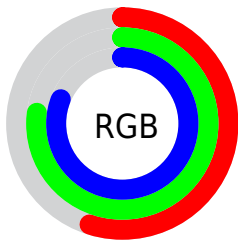
Format	Color
RYB	141, 171, 207
Decimal	9291215
CIELab	76.13, -15.65, -10.83
CIElCh	76, 19.032, 214.688
Yxy	50.1002, 0.2658, 0.3155
Android (android.graphics.Color)	4287481295 (0xFF8DC5CF)
YUV	181.3960, 12.6228, -35.4273
Hunter-Lab	70.7815, -17.4255, -6.1465

Details

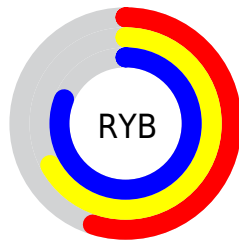
The Yxy color **50.1002, 0.2658, 0.3155** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3082, 0.3813, 0.3420**, and the grayscale version is **46.3750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8394, 0.2783, 0.3279**, and **24.0195, 0.2533, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **47.0455, 0.2529, 0.3106**, and if you desaturate by 10%, it is **53.5276, 0.2798, 0.3201**.

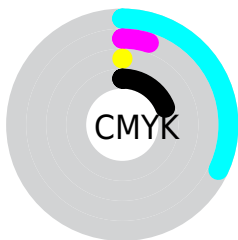
Distribution



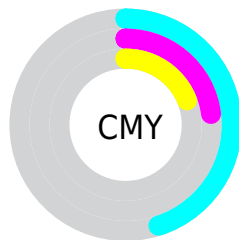
- Red (55%)
- Green (77%)
- Blue (81%)



- Red (55%)
- Yellow (67%)
- Blue (81%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1002, 0.2658, 0.3155 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 50.1002, 0.2658, 0.3155 by changing the saturation by 10% instead.

■ 50.1002, 0.2658,
0.3155

■ 50.1002, 0.2658,
0.3155

■ 387.0577, 0.2886,
0.3226

■ 35.4930, 0.2603,
0.3137

■ 90.3233, 0.2739,
0.3181

■ 24.0429, 0.2534,
0.3112

■ 116.7080, 0.2770,
0.3191

■ 15.3654, 0.2443,
0.3080

■ 147.7874, 0.2797,
0.3199

■ 9.0763, 0.2321,
0.3033

■ 183.9458, 0.2820,
0.3206

■ 4.7910, 0.2148,
0.2961

■ 225.5676, 0.2839,
0.3212

■ 2.1251, 0.1882,
0.2838

■ 273.0373, 0.2857,

■ 0.6787, 0.1035,

0.3217

0.2670

326.7392, 0.2872,
0.3222

0.0000, 0.0000,
0.0000

50.1002, 0.2658,
0.3155

50.1002, 0.2658,
0.3155

47.0455, 0.2529,
0.3106

53.5276, 0.2798,
0.3201

44.3385, 0.2415,
0.3055

57.3394, 0.2945,
0.3244

41.9601, 0.2316,
0.3002

61.5541, 0.3098,
0.3283

39.8869, 0.2236,
0.2948

66.1870, 0.3252,
0.3318

38.0921, 0.2176,
0.2894

71.2527, 0.3406,
0.3350

■ 36.5436, 0.2134,
0.2841

■ 74.7871, 0.3481,
0.3381

■ 35.4259, 0.2111,
0.2798

■ 76.4073, 0.3476,
0.3412

■ 78.0582, 0.3470,
0.3444

■ 79.7401, 0.3464,
0.3475

Harmonies

Analogous

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



50.1002, 0.2790, 0.3399



50.1002, 0.2658, 0.3155



50.1002, 0.2646, 0.2962

Triad

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



50.1002, 0.2658, 0.3155



50.1002, 0.3228, 0.2990



50.1002, 0.3501, 0.3727

Complementary

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



50.1002, 0.2658, 0.3155



37.3082, 0.3813, 0.3420

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.



50.1002, 0.3631, 0.3594



50.1002, 0.2658, 0.3155



50.1002, 0.3470, 0.3174

Square

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



50.1002, 0.2658, 0.3155



50.1002, 0.2966, 0.2879



50.1002, 0.3620, 0.3392



50.1002, 0.3273, 0.3742

Rectangle

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



50.1002, 0.2658, 0.3155



50.1002, 0.2707, 0.2886



50.1002, 0.3620, 0.3392



50.1002, 0.3558, 0.3694

Sweetspot

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



50.1022, 0.2658, 0.3155



93.0411, 0.2972, 0.3251



52.5225, 0.3020, 0.4081



19.7168, 0.2951, 0.3245



0.0000, 0.0000, 0.0000



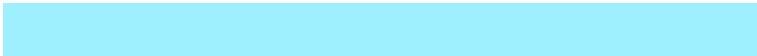
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1022, 0.2658, 0.3155



77.0110, 0.2572, 0.3123



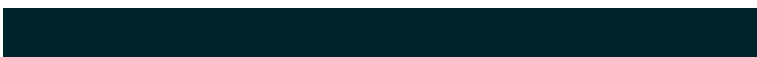
36.7412, 0.2602, 0.2691



13.0893, 0.2983, 0.3254



22.4268, 0.2113, 0.2805



1.3386, 0.2140, 0.2903

Inverse Universe

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



36.3344, 0.3259, 0.2612



52.0585, 0.3292, 0.2474



49.4265, 0.3686, 0.3823



11.9770, 0.3161, 0.3095



10.3353, 0.3630, 0.1773



0.5864, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 50.1002, 0.2658, 0.3155 looks on a white background.

Color Contrast Check

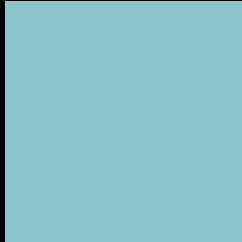
Large Text (above 18pt) WCAG AA × Fail

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 50.1002, 0.2658, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

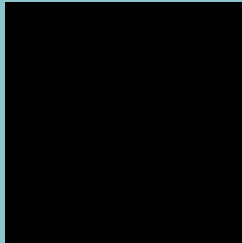
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1002, 0.2658, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 50.1002, 0.2658, 0.3155.

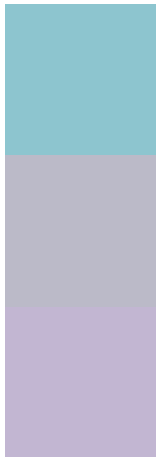


This preview shows how white text looks on a background with the Yxy color 50.1002, 0.2658, 0.3155.

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

50.1002, 0.2658, 0.3155

Protanopia

49.8527, 0.3029, 0.3115

Deuteranopia

49.5784, 0.3011, 0.2950



Tritanopia

49.9841, 0.2633, 0.3077

Trichromacy



Original Color

50.1002, 0.2658, 0.3155

Protanomaly

49.6848, 0.2876, 0.3122

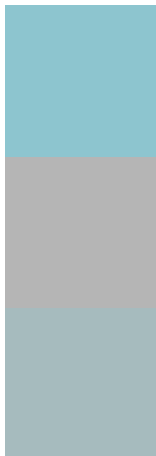
Deuteranomaly

49.2581, 0.2871, 0.3011

Tritanomaly

49.8838, 0.2645, 0.3103

Monochromacy



Original Color

50.1002, 0.2658, 0.3155

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.3653, 0.2936, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1002, 0.2658, 0.3155 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(141, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(141, 197, 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(141, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 197, 207) }
```

Border

The CSS property to change the border of an element to Yxy 50.1002, 0.2658, 0.3155 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(141, 197, 207) }
```

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

```
.border{ border-color:rgb(141, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(141, 197,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1002, 0.2658, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 197, 207) }
```

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

```
.background{ background-color: rgb(141,  
197, 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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