

Converting Colors

$Y_{xy}(54.7561, 0.2554, 0.3225)$

Have a look what the booklet for
Yxy(54.7561, 0.2554, 0.3225)
contains.

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Color

Yxy(54.8159, 0.2551, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	7DD1D6
RGB	125, 209, 214
RGB Percent	49%, 82%, 84%
CMY	0.5096, 0.1804, 0.1608
CMYK	0.42, 0.02, 0.00, 0.16
HSL	183°, 52%, 66%
HSV	183°, 42%, 84%
XYZ	43.4002, 54.8159, 71.9140
YIQ	184.4540, -51.6690, -16.2530

Conversions

Conversions Part 2

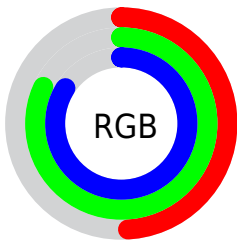
Format	Color
RYB	125, 168, 214
Decimal	8245718
CIELab	78.94, -24.18, -10.49
CIElCh	79, 26.357, 203.457
Yxy	54.8159, 0.2551, 0.3222
Android (android.graphics.Color)	4286435798 (0xFF7DD1D6)
YUV	184.4540, 14.5662, -52.1412
Hunter-Lab	74.0378, -24.9312, -5.7628

Details

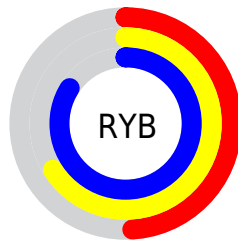
The Yxy color **54.8159, 0.2551, 0.3222** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.7577, 0.4165, 0.3355**, and the grayscale version is **48.1425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **26.8433, 0.2406, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **52.7876, 0.2446, 0.3203**, and if you desaturate by 10%, it is **57.2000, 0.2672, 0.3240**.

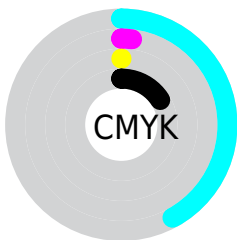
Distribution



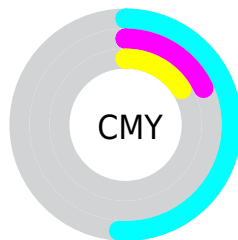
- Red (49%)
- Green (82%)
- Blue (84%)



- Red (49%)
- Yellow (66%)
- Blue (84%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)





- Cyan (51%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8159, 0.2551, 0.3222 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 54.8159, 0.2551, 0.3222 by changing the saturation by 10% instead.

 54.8159, 0.2551,
0.3222

 54.8159, 0.2551,
0.3222


405.2137, 0.2826,
0.3261


 39.2543, 0.2486,
0.3211


 97.2712, 0.2648,
0.3237

 26.9576, 0.2405,
0.3196


 124.9337, 0.2685,
0.3243

 17.5414, 0.2301,
0.3175


 157.3986, 0.2717,
0.3247

 10.6213, 0.2163,
0.3144

195.0504, 0.2745,
0.3251

 5.8128, 0.1972,
0.3095

238.2734, 0.2769,
0.3254

 2.7316, 0.1691,
0.3008

287.4520, 0.2790,

 0.9933, 0.1022,

0.3257

0.2900

342.9706, 0.2809,
0.3259

0.0000, 0.0000,
0.0000

54.8159, 0.2551,
0.3222

54.8159, 0.2551,
0.3222

52.7876, 0.2446,
0.3203

57.2000, 0.2672,
0.3240

51.0861, 0.2359,
0.3184

59.9539, 0.2806,
0.3257

49.6884, 0.2292,
0.3165

63.0987, 0.2951,
0.3273

48.5657, 0.2243,
0.3146

66.6520, 0.3103,
0.3288

47.6835, 0.2213,
0.3127

70.6303, 0.3260,
0.3301

■ 47.0765, 0.2198,
0.3112

■ 75.0493, 0.3418,
0.3313

■ 75.9632, 0.3428,
0.3326

■ 76.5882, 0.3426,
0.3338

■ 77.2177, 0.3424,
0.3350

Harmonies

Analogous

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



54.8159, 0.2774, 0.3559



54.8159, 0.2551, 0.3222



54.8159, 0.2476, 0.2929

Triad

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



54.8159, 0.2551, 0.3222



54.8159, 0.3125, 0.2826



54.8159, 0.3713, 0.3821

Complementary

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



54.8159, 0.2551, 0.3222



31.7577, 0.4165, 0.3355

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.



54.8159, 0.3824, 0.3594



54.8159, 0.2551, 0.3222



54.8159, 0.3475, 0.3035

Square

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



54.8159, 0.2551, 0.3222



54.8159, 0.2793, 0.2724



54.8159, 0.3737, 0.3309



54.8159, 0.3443, 0.3917

Rectangle

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



54.8159, 0.2551, 0.3222



54.8159, 0.2516, 0.2798



54.8159, 0.3737, 0.3309



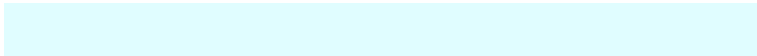
54.8159, 0.3770, 0.3756

Sweetspot

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



54.8180, 0.2551, 0.3222



93.5571, 0.2942, 0.3272



54.0571, 0.3042, 0.4504



19.8866, 0.2923, 0.3270



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.



54.8180, 0.2551, 0.3222



78.7961, 0.2457, 0.3205



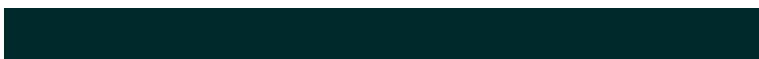
36.1564, 0.2451, 0.2601



13.9825, 0.2983, 0.3276



28.5054, 0.2199, 0.3115



1.7566, 0.2208, 0.3147

Inverse Universe

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



33.5785, 0.3223, 0.2324



43.3345, 0.3247, 0.2138



46.0402, 0.3931, 0.3887



12.6201, 0.3146, 0.3073



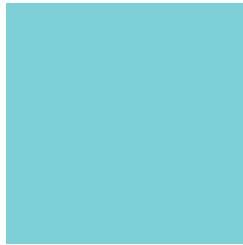
11.2225, 0.3355, 0.1622



0.6807, 0.3327, 0.1606

Previews

White Background



This preview shows how the Yxy color 54.8159, 0.2551, 0.3222 looks on a white background.

Color Contrast Check

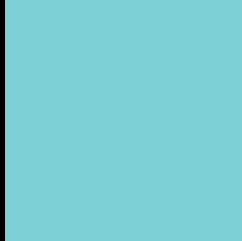
Large Text (above 18pt) WCAG AA × Fail

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 54.8159, 0.2551, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

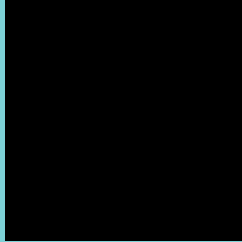
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

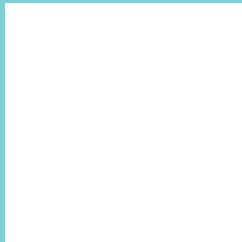
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8159, 0.2551, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 54.8159, 0.2551, 0.3222.

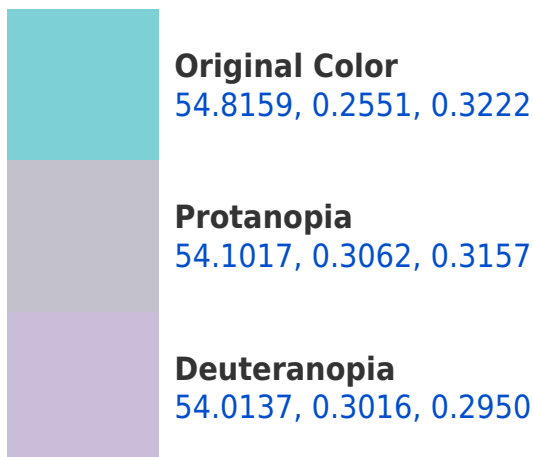


This preview shows how white text looks on a background with the Yxy color 54.8159, 0.2551, 0.3222.

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





Tritanopia

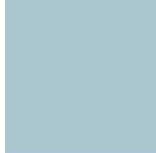
54.5967, 0.2510, 0.3068

Trichromacy



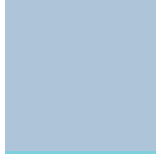
Original Color

54.8159, 0.2551, 0.3222



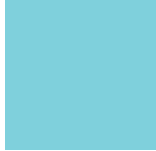
Protanomaly

53.9470, 0.2848, 0.3176



Deuteranomaly

53.4883, 0.2816, 0.3030



Tritanomaly

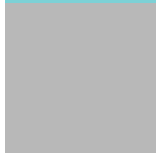
54.7911, 0.2528, 0.3131

Monochromacy



Original Color

54.8159, 0.2551, 0.3222



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.8666, 0.2881, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8159, 0.2551, 0.3222 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(125, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(125, 209, 214)  
}
```

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(125, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 209, 214) }
```

Border

The CSS property to change the border of an element to Yxy 54.8159, 0.2551, 0.3222 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(125, 209, 214) }
```

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

```
.border{ border-color:rgb(125, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(125, 209,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8159, 0.2551, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 209, 214) }
```

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

```
.background{ background-color: rgb(125,  
209, 214) }
```

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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