

Converting Colors

Yxy(54.2948, 0.2709, 0.3683)

Have a look what the booklet for
Yxy(54.2948, 0.2709, 0.3683)
contains.

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Color

Yxy(54.1450, 0.2709, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	7AD3B7
RGB	122, 211, 183
RGB Percent	48%, 83%, 72%
CMY	0.5216, 0.1725, 0.2823
CMYK	0.42, 0.00, 0.13, 0.17
HSL	161°, 50%, 65%
HSV	161°, 42%, 83%
XYZ	39.8692, 54.1450, 53.1589
YIQ	181.1970, -44.0560, -27.5760

Conversions

Conversions Part 2

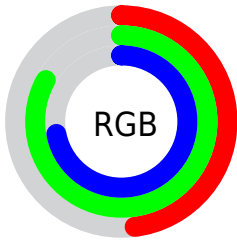
Format	Color
RYB	122, 175, 211
Decimal	8049591
CIELab	78.55, -33.24, 5.53
CIElCh	79, 33.698, 170.560
Yxy	54.1450, 0.2709, 0.3679
Android (android.graphics.Color)	4286239671 (0xFF7AD3B7)
YUV	181.1970, 0.8889, -51.9158
Hunter-Lab	73.5833, -32.0551, 8.6753

Details

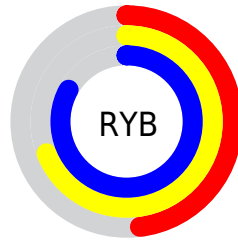
The Yxy color **54.1450, 0.2709, 0.3679** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **29.9710, 0.3861, 0.2942**, and the grayscale version is **46.3356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2170, 0.2769, 0.3465**, and **26.5469, 0.2595, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **52.5006, 0.2637, 0.3790**, and if you desaturate by 10%, it is **56.1411, 0.2795, 0.3574**.

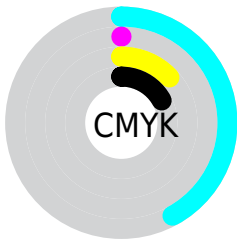
Distribution



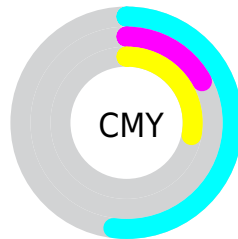
- Red (48%)
- Green (83%)
- Blue (72%)



- Red (48%)
- Yellow (69%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)




- Cyan (52%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1450, 0.2709, 0.3679 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 54.1450, 0.2709, 0.3679 by changing the saturation by 10% instead.


 54.1450, 0.2709,
0.3679


 54.1450, 0.2709,
0.3679


402.6627, 0.2914,
0.3485


 38.7176, 0.2659,
0.3727

 96.2871, 0.2783,
0.3609

 26.5401, 0.2595,
0.3789


 123.7706, 0.2811,
0.3582

 17.2281, 0.2512,
0.3871


 156.0416, 0.2834,
0.3560

 10.3973, 0.2397,
0.3985

193.4845, 0.2855,
0.3541

 5.6632, 0.2232,
0.4153

236.4836, 0.2873,
0.3524

 2.6414, 0.1972,
0.4428

285.4235, 0.2888,

 0.9475, 0.0523,

0.3509

0.5643

340.6883, 0.2902,
0.3497

■ 0.0000, 0.0000,
0.0000

■ 54.1450, 0.2709,
0.3679

■ 54.1450, 0.2709,
0.3679

■ 52.5006, 0.2637,
0.3790

■ 56.1411, 0.2795,
0.3574

■ 51.1794, 0.2582,
0.3907

■ 58.5026, 0.2891,
0.3477

■ 50.1589, 0.2545,
0.4026

■ 61.2500, 0.2995,
0.3387


■ 49.4108, 0.2528,
0.4147


■ 64.4006, 0.3103,
0.3307


■ 48.9013, 0.2531,
0.4267


■ 67.9706, 0.3214,
0.3234

 48.6234, 0.2544,
0.4359

 71.9753, 0.3325,
0.3169

 73.5325, 0.3325,
0.3105

 73.9112, 0.3278,
0.3040

 74.3043, 0.3231,
0.2976

Harmonies

Analogous

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



54.1450, 0.3127, 0.4010



54.1450, 0.2709, 0.3679



54.1450, 0.2415, 0.3236

Triad

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



54.1450, 0.2709, 0.3679



54.1450, 0.2664, 0.2573



54.1450, 0.4024, 0.3631

Complementary

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



54.1450, 0.2709, 0.3679



29.9710, 0.3861, 0.2942

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.



54.1450, 0.3888, 0.3271



54.1450, 0.2709, 0.3679



54.1450, 0.3076, 0.2687

Square

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



54.1450, 0.2709, 0.3679



54.1450, 0.2393, 0.2623



54.1450, 0.3531, 0.2936



54.1450, 0.3898, 0.3939

Rectangle

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



54.1450, 0.2709, 0.3679



54.1450, 0.2320, 0.2966



54.1450, 0.3531, 0.2936



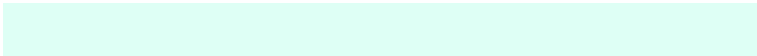
54.1450, 0.4008, 0.3512

Sweetspot

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



54.1472, 0.2709, 0.3679



93.5927, 0.2984, 0.3396



54.4966, 0.3264, 0.4512



19.8228, 0.2961, 0.3415



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.



54.1472, 0.2709, 0.3679



80.7368, 0.2641, 0.3783



47.7308, 0.2519, 0.3065



13.3412, 0.3024, 0.3364



29.3628, 0.2539, 0.4341



1.6558, 0.2479, 0.4124

Inverse Universe

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



29.9710, 0.3861, 0.2942



38.6619, 0.4117, 0.2872



33.5236, 0.4123, 0.3498



11.8686, 0.3242, 0.3217



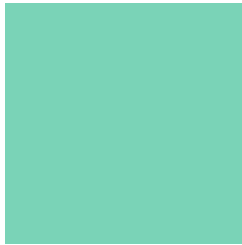
8.6141, 0.5694, 0.2910



0.4959, 0.5166, 0.2620

Previews

White Background



This preview shows how the Yxy color 54.1450, 0.2709, 0.3679 looks on a white background.

Color Contrast Check

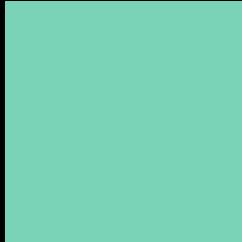
Large Text (above 18pt) WCAG AA × Fail

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 54.1450, 0.2709, 0.3679 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 54.1450, 0.2709, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 54.1450, 0.2709, 0.3679.



This preview shows how white text looks on a background with the Yxy color 54.1450, 0.2709, 0.3679.

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

54.1450, 0.2709, 0.3679

Protanopia

53.5746, 0.3347, 0.3537

Deuteranopia

53.4676, 0.3347, 0.3279



Tritanopia

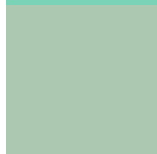
53.8421, 0.2537, 0.3067

Trichromacy



Original Color

54.1450, 0.2709, 0.3679



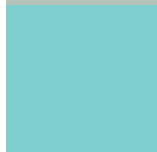
Protanomaly

53.2535, 0.3075, 0.3590



Deuteranomaly

52.8488, 0.3082, 0.3417



Tritanomaly

53.7689, 0.2595, 0.3275

Monochromacy



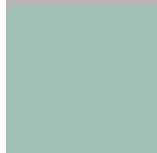
Original Color

54.1450, 0.2709, 0.3679



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.5503, 0.2948, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1450, 0.2709, 0.3679 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(122, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(122, 211, 183)  
}
```

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(122, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 211, 183) }
```

Border

The CSS property to change the border of an element to Yxy 54.1450, 0.2709, 0.3679 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(122, 211, 183) }
```

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

```
.border{ border-color:rgb(122, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(122, 211,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1450, 0.2709, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 211, 183) }
```

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

```
.background{ background-color: rgb(122,  
211, 183) }
```

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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