

Converting Colors

$Yxy(54.2523, 0.2747, 0.3213)$

Have a look what the booklet for
Yxy(54.2523, 0.2747, 0.3213)
contains.

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Color

Yxy(54.2839, 0.2744, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	9BCBD1
RGB	155, 203, 209
RGB Percent	61%, 80%, 82%
CMY	0.3923, 0.2039, 0.1804
CMYK	0.26, 0.03, 0.00, 0.18
HSL	187°, 37%, 71%
HSV	187°, 26%, 82%
XYZ	46.3745, 54.2839, 68.3450
YIQ	189.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

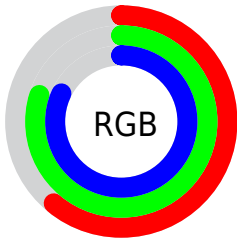
Format	Color
R_{YB}	155, 180, 209
Decimal	10210257
CIE _{Lab}	78.63, -14.25, -8.09
CIE _{LCh}	79, 16.387, 209.595
Yxy	54.2839, 0.2744, 0.3212
Android (android.graphics.Color)	4288400337 (0xFF9BCBD1)
YUV	189.3320, 9.6963, -30.1092
Hunter-Lab	73.6776, -16.5834, -3.4244

Details

The Yxy color **54.2839, 0.2744, 0.3212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3842, 0.3655, 0.3366**, and the grayscale version is **51.0417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **26.6862, 0.2642, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **51.3119, 0.2611, 0.3178**, and if you desaturate by 10%, it is **57.6344, 0.2887, 0.3244**.

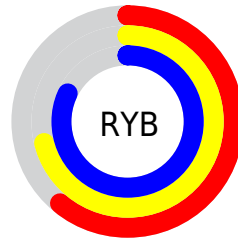
Distribution



Red (61%)

Green (80%)

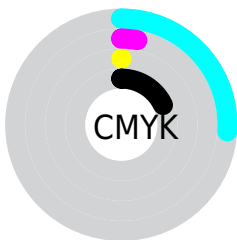
Blue (82%)



Red (61%)

Yellow (71%)

Blue (82%)

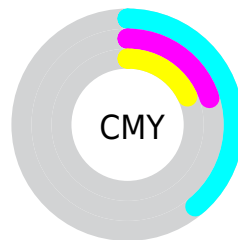


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (39%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2839, 0.2744, 0.3212 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 54.2839, 0.2744, 0.3212 by changing the saturation by 10% instead.

 54.2839, 0.2744,
0.3212


 54.2839, 0.2744,
0.3212


403.1917, 0.2929,
0.3253

 38.8287, 0.2700,
0.3201

 96.4910, 0.2809,
0.3227

 26.6265, 0.2645,
0.3188


 124.0116, 0.2835,
0.3233

 17.2929, 0.2573,
0.3169


156.3228, 0.2856,
0.3237

 10.4435, 0.2477,
0.3142

193.8090, 0.2874,
0.3241

 5.6940, 0.2340,
0.3101

236.8546, 0.2891,
0.3245

 2.6599, 0.2133,
0.3032

285.8440, 0.2905,

 0.9569, 0.1710,

0.3248

0.2922

341.1616, 0.2917,
0.3250

0.0000, 0.0000,
0.0000

54.2839, 0.2744,
0.3212

54.2839, 0.2744,
0.3212

51.3119, 0.2611,
0.3178

57.6344, 0.2887,
0.3244

48.6932, 0.2492,
0.3142

61.3738, 0.3037,
0.3274

46.4100, 0.2388,
0.3104

65.5206, 0.3192,
0.3301

44.4399, 0.2303,
0.3066

70.0899, 0.3348,
0.3325

42.7578, 0.2236,
0.3027

74.2416, 0.3469,
0.3348

■ 41.3346, 0.2188,
0.2989

■ 75.4231, 0.3465,
0.3371

■ 40.1340, 0.2158,
0.2951

■ 76.6213, 0.3461,
0.3394

■ 39.6733, 0.2149,
0.2935

■ 77.8362, 0.3457,
0.3418

■ 79.0680, 0.3453,
0.3441

Harmonies

Analogous

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



54.2839, 0.2871, 0.3417



54.2839, 0.2744, 0.3212



54.2839, 0.2716, 0.3039

Triad

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



54.2839, 0.2744, 0.3212



54.2839, 0.3175, 0.3016



54.2839, 0.3467, 0.3644

Complementary

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



54.2839, 0.2744, 0.3212



41.3842, 0.3655, 0.3366

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.



54.2839, 0.3556, 0.3522



54.2839, 0.2744, 0.3212



54.2839, 0.3384, 0.3164

Square

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



54.2839, 0.2744, 0.3212



54.2839, 0.2958, 0.2934



54.2839, 0.3526, 0.3346



54.2839, 0.3287, 0.3673

Rectangle

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



54.2839, 0.2744, 0.3212



54.2839, 0.2756, 0.2964



54.2839, 0.3526, 0.3346



54.2839, 0.3509, 0.3612

Sweetspot

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



54.2861, 0.2744, 0.3212



94.9040, 0.3003, 0.3267



55.1093, 0.3057, 0.3948



20.1182, 0.2980, 0.3263



0.0000, 0.0000, 0.0000



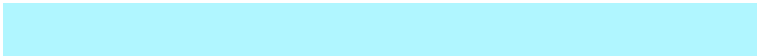
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2861, 0.2744, 0.3212



82.5160, 0.2670, 0.3193



42.8422, 0.2711, 0.2857



13.1746, 0.2983, 0.3264



24.5551, 0.2150, 0.2941



1.4381, 0.2170, 0.3010

Inverse Universe

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



41.2952, 0.3210, 0.2717



58.9611, 0.3231, 0.2594



51.6186, 0.3576, 0.3687



11.9856, 0.3154, 0.3086



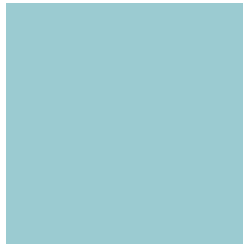
10.5501, 0.3507, 0.1705



0.5965, 0.3445, 0.1671

Previews

White Background



This preview shows how the Yxy color 54.2839, 0.2744, 0.3212 looks on a white background.

Color Contrast Check

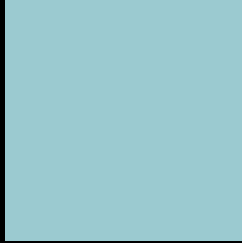
Large Text (above 18pt) WCAG AA × Fail

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 54.2839, 0.2744, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

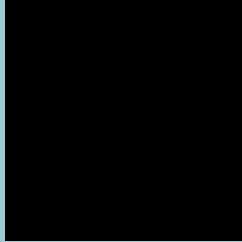
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

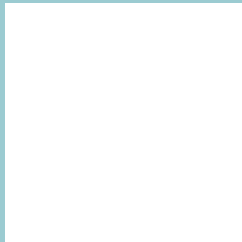
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2839, 0.2744, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 54.2839, 0.2744, 0.3212.



This preview shows how white text looks on a background with the Yxy color 54.2839, 0.2744, 0.3212.

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

54.2839, 0.2744, 0.3212

Protanopia

54.0538, 0.3069, 0.3169

Deuteranopia

54.1278, 0.3083, 0.3020



Tritanopia

54.4711, 0.2702, 0.3087

Trichromacy



Original Color

54.2839, 0.2744, 0.3212

Protanomaly

54.0436, 0.2940, 0.3190

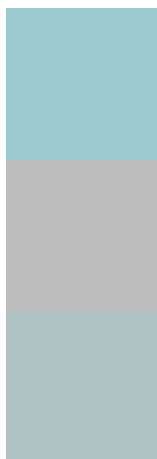
Deuteranomaly

53.8515, 0.2950, 0.3083

Tritanomaly

54.2153, 0.2713, 0.3123

Monochromacy



Original Color

54.2839, 0.2744, 0.3212

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9162, 0.2979, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2839, 0.2744, 0.3212 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(155, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 203, 209)  
}
```

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(155, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 203, 209) }
```

Border

The CSS property to change the border of an element to Yxy 54.2839, 0.2744, 0.3212 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(155, 203, 209) }
```

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

```
.border{ border-color:rgb(155, 203, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 203, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 203, 209); box-shadow:4px 4px 4px 4px rgb(155, 203, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2839, 0.2744, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 203, 209) }
```

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

```
.background{ background-color: rgb(155,  
203, 209) }
```

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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