

Converting Colors

$Yxy(54.1515, 0.2840, 0.3536)$

Have a look what the booklet for
Yxy(54.1515, 0.2840, 0.3536)
contains.

Yxy(54.1630, 0.2838, 0.3530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.1630, 0.2838, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	95CEBC
RGB	149, 206, 188
RGB Percent	58%, 81%, 74%
CMY	0.4156, 0.1922, 0.2628
CMYK	0.28, 0.00, 0.09, 0.19
HSL	161°, 37%, 70%
HSV	161°, 28%, 81%
XYZ	43.5452, 54.1630, 55.7280
YIQ	186.9050, -28.1940, -17.6820

Conversions

Conversions Part 2

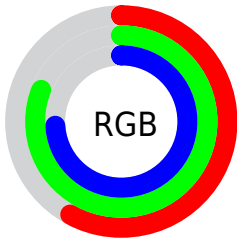
Format	Color
RYB	149, 183, 206
Decimal	9817788
CIELab	78.56, -22.12, 3.05
CIELCh	79, 22.329, 172.154
Yxy	54.1630, 0.2838, 0.3530
Android (android.graphics.Color)	4288007868 (0xFF95CEBC)
YUV	186.9050, 0.5398, -33.2427
Hunter-Lab	73.5955, -23.1767, 6.6212

Details

The Yxy color **54.1630, 0.2838, 0.3530** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4175, 0.3536, 0.3064**, and the grayscale version is **49.6502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8890, 0.2884, 0.3405**, and **26.6925, 0.2756, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **52.1209, 0.2748, 0.3632**, and if you desaturate by 10%, it is **56.5650, 0.2938, 0.3436**.

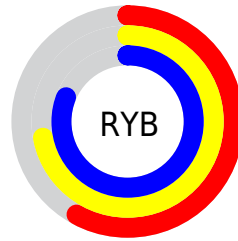
Distribution



Red (58%)

Green (81%)

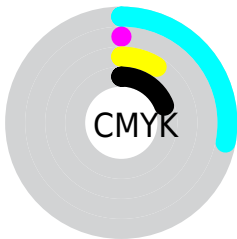
Blue (74%)



Red (58%)

Yellow (72%)

Blue (81%)

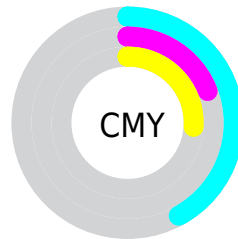


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (42%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1630, 0.2838, 0.3530 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 54.1630, 0.2838, 0.3530 by changing the saturation by 10% instead.


 54.1630, 0.2838,
0.3530


 54.1630, 0.2838,
0.3530


402.7313, 0.2980,
0.3412

 38.7320, 0.2804,
0.3559


 96.3135, 0.2889,
0.3487

 26.5513, 0.2760,
0.3596

 123.8018, 0.2908,
0.3471

 17.2365, 0.2703,
0.3645


156.0781, 0.2924,
0.3457

 10.4033, 0.2624,
0.3713

193.5265, 0.2938,
0.3446

 5.6671, 0.2510,
0.3813

236.5317, 0.2951,
0.3435

 2.6438, 0.2331,
0.3973

285.4780, 0.2962,

 0.9487, 0.1694,

0.3427

0.4459

340.7497, 0.2971,
0.3419

0.0000, 0.0000,
0.0000

54.1630, 0.2838,
0.3530

54.1630, 0.2838,
0.3530

52.1209, 0.2748,
0.3632

56.5650, 0.2938,
0.3436

50.4137, 0.2669,
0.3741

59.3370, 0.3044,
0.3350

49.0238, 0.2606,
0.3856

62.4971, 0.3153,
0.3273

47.9291, 0.2561,
0.3975

66.0602, 0.3264,
0.3203

47.1049, 0.2535,
0.4096

70.0402, 0.3374,
0.3142

■ 46.5218, 0.2529,
0.4217

■ 70.9524, 0.3349,
0.3078

■ 46.1386, 0.2541,
0.4336

■ 71.3191, 0.3301,
0.3014

■ 46.0618, 0.2546,
0.4364

■ 71.6995, 0.3254,
0.2951

■ 72.0938, 0.3208,
0.2889

Harmonies

Analogous

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



54.1630, 0.3119, 0.3747



54.1630, 0.2838, 0.3530



54.1630, 0.2640, 0.3247

Triad

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



54.1630, 0.2838, 0.3530



54.1630, 0.2832, 0.2802



54.1630, 0.3719, 0.3544

Complementary

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



54.1630, 0.2838, 0.3530



37.4175, 0.3536, 0.3064

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.



54.1630, 0.3637, 0.3299



54.1630, 0.2838, 0.3530



54.1630, 0.3114, 0.2885

Square

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



54.1630, 0.2838, 0.3530



54.1630, 0.2637, 0.2838



54.1630, 0.3411, 0.3063



54.1630, 0.3633, 0.3738

Rectangle

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



54.1630, 0.2838, 0.3530



54.1630, 0.2577, 0.3070



54.1630, 0.3411, 0.3063



54.1630, 0.3711, 0.3465

Sweetspot

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



54.1652, 0.2838, 0.3530



95.9257, 0.3039, 0.3354



54.5366, 0.3226, 0.4050



20.3780, 0.3022, 0.3366



0.0000, 0.0000, 0.0000



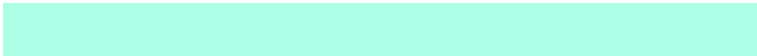
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1652, 0.2838, 0.3530



85.7844, 0.2785, 0.3588



50.1281, 0.2714, 0.3151



12.6643, 0.3025, 0.3364



28.3816, 0.2541, 0.4346



1.4775, 0.2476, 0.4114

Inverse Universe

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



37.4175, 0.3536, 0.3064



54.3814, 0.3653, 0.3014



40.2522, 0.3689, 0.3424



11.2711, 0.3241, 0.3217



8.3316, 0.5684, 0.2905



0.4436, 0.5122, 0.2595

Previews

White Background



This preview shows how the Yxy color 54.1630, 0.2838, 0.3530 looks on a white background.

Color Contrast Check

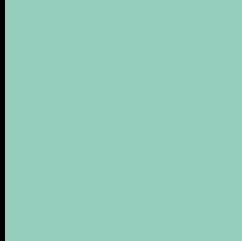
Large Text (above 18pt) WCAG AA × Fail

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 54.1630, 0.2838, 0.3530 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 54.1630, 0.2838, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 54.1630, 0.2838, 0.3530.

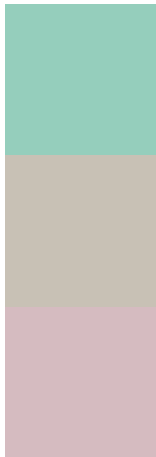


This preview shows how white text looks on a background with the Yxy color 54.1630, 0.2838, 0.3530.

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

54.1630, 0.2838, 0.3530

Protanopia

53.7555, 0.3276, 0.3438

Deuteranopia

53.4926, 0.3306, 0.3232



Tritanopia

54.2716, 0.2689, 0.3086

Trichromacy



Original Color

54.1630, 0.2838, 0.3530

Protanomaly

53.6726, 0.3095, 0.3468

Deuteranomaly

53.2923, 0.3117, 0.3327

Tritanomaly

53.9892, 0.2743, 0.3237

Monochromacy



Original Color

54.1630, 0.2838, 0.3530

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.0557, 0.3012, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1630, 0.2838, 0.3530 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(149, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 206, 188)  
}
```

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(149, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 206, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.1630, 0.2838, 0.3530 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(149, 206, 188) }
```

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

```
.border{ border-color:rgb(149, 206, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 206, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 206, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 206, 188); box-shadow:4px 4px 4px 4px rgb(149, 206, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1630, 0.2838, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 206, 188) }
```

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

```
.background{ background-color: rgb(149,  
206, 188) }
```

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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