

Converting Colors

$Yxy(54.2569, 0.2684, 0.3131)$

Have a look what the booklet for
Yxy(54.2569, 0.2684, 0.3131)
contains.

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Color

Yxy(54.1975, 0.2683, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	97CBD7
RGB	151, 203, 215
RGB Percent	59%, 80%, 84%
CMY	0.4078, 0.2039, 0.1569
CMYK	0.30, 0.06, 0.00, 0.16
HSL	191°, 44%, 72%
HSV	191°, 30%, 84%
XYZ	46.3834, 54.1975, 72.2979
YIQ	188.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

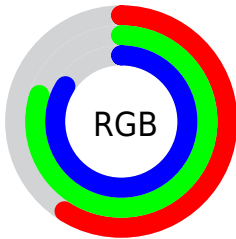
Format	Color
RYB	151, 180, 215
Decimal	9948119
CIELab	78.58, -14.01, -11.42
CIElCh	79, 18.072, 219.188
Yxy	54.1975, 0.2683, 0.3135
Android (android.graphics.Color)	4288138199 (0xFF97CBD7)
YUV	188.8200, 12.9067, -33.1681
Hunter-Lab	73.6190, -16.3698, -6.6928

Details

The Yxy color **54.1975, 0.2683, 0.3135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8710, 0.3746, 0.3439**, and the grayscale version is **50.7219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **26.6296, 0.2573, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **50.4493, 0.2548, 0.3075**, and if you desaturate by 10%, it is **58.3745, 0.2827, 0.3191**.

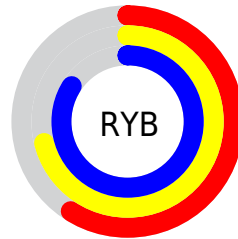
Distribution



Red (59%)

Green (80%)

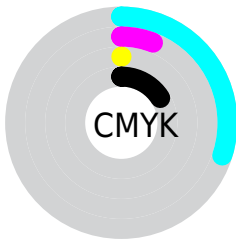
Blue (84%)



Red (59%)

Yellow (71%)

Blue (84%)

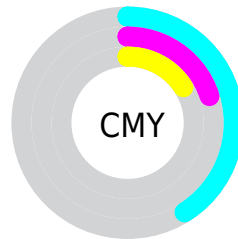


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (41%)


Magenta (20%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1975, 0.2683, 0.3135 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 54.1975, 0.2683, 0.3135 by changing the saturation by 10% instead.


 54.1975, 0.2683,
0.3135


 54.1975, 0.2683,
0.3135


402.8627, 0.2896,
0.3214

 38.7596, 0.2632,
0.3115

 96.3642, 0.2759,
0.3164

 26.5727, 0.2569,
0.3089


 123.8617, 0.2787,
0.3175

 17.2526, 0.2487,
0.3055


156.1479, 0.2812,
0.3184

 10.4148, 0.2377,
0.3007

193.6072, 0.2834,
0.3192

 5.6748, 0.2223,
0.2935

236.6239, 0.2852,
0.3198

 2.6484, 0.1992,
0.2818

285.5824, 0.2869,

 0.9510, 0.1544,

0.3204

0.2620

340.8673, 0.2883,
0.3209

0.0000, 0.0000,
0.0000

54.1975, 0.2683,
0.3135

54.1975, 0.2683,
0.3135

50.4493, 0.2548,
0.3075

58.3745, 0.2827,
0.3191

47.1026, 0.2426,
0.3011

62.9931, 0.2977,
0.3244

44.1369, 0.2320,
0.2945

68.0733, 0.3131,
0.3291

41.5270, 0.2231,
0.2877

73.6320, 0.3285,
0.3334

39.2440, 0.2161,
0.2809

79.0152, 0.3412,
0.3373

■ 37.2540, 0.2111,
0.2741

■ 81.1944, 0.3406,
0.3413

■ 35.4977, 0.2077,
0.2674

■ 83.4252, 0.3399,
0.3453

■ 35.4569, 0.2076,
0.2673

■ 85.7079, 0.3393,
0.3492

■ 88.0428, 0.3387,
0.3531

Harmonies

Analogous

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



54.1975, 0.2790, 0.3357



54.1975, 0.2683, 0.3135



54.1975, 0.2689, 0.2968

Triad

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



54.1975, 0.2683, 0.3135



54.1975, 0.3257, 0.3034



54.1975, 0.3447, 0.3704

Complementary

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



54.1975, 0.2683, 0.3135



42.8710, 0.3746, 0.3439

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.



54.1975, 0.3583, 0.3597



54.1975, 0.2683, 0.3135



54.1975, 0.3472, 0.3212

Square

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



54.1975, 0.2683, 0.3135



54.1975, 0.3013, 0.2918



54.1975, 0.3593, 0.3416



54.1975, 0.3227, 0.3698

Rectangle

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



54.1975, 0.2683, 0.3135



54.1975, 0.2757, 0.2906



54.1975, 0.3593, 0.3416



54.1975, 0.3504, 0.3680

Sweetspot

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



54.1997, 0.2683, 0.3135



93.1921, 0.2988, 0.3247



57.8099, 0.3014, 0.3991



19.7228, 0.2965, 0.3240



0.0000, 0.0000, 0.0000



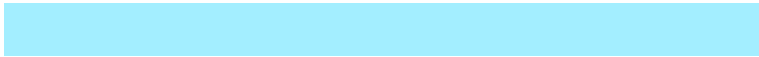
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1997, 0.2683, 0.3135



76.0635, 0.2593, 0.3096



40.7126, 0.2636, 0.2707



13.6940, 0.2983, 0.3245



21.3561, 0.2079, 0.2683



1.3927, 0.2111, 0.2799

Inverse Universe

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



40.8927, 0.3269, 0.2681



53.6871, 0.3309, 0.2546



55.5882, 0.3638, 0.3811



12.5909, 0.3166, 0.3103



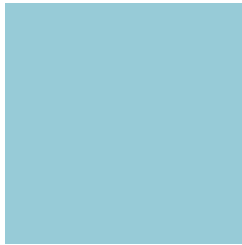
10.5008, 0.3745, 0.1836



0.6439, 0.3636, 0.1776

Previews

White Background



This preview shows how the Yxy color 54.1975, 0.2683, 0.3135 looks on a white background.

Color Contrast Check

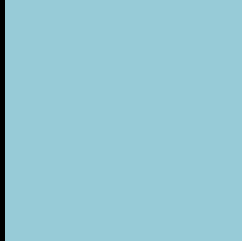
Large Text (above 18pt) WCAG AA × Fail

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 54.1975, 0.2683, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

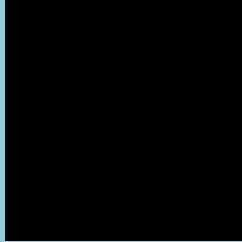
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

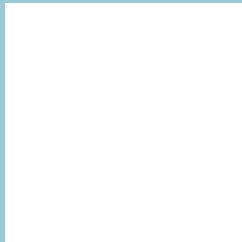
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1975, 0.2683, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 54.1975, 0.2683, 0.3135.



This preview shows how white text looks on a background with the Yxy color 54.1975, 0.2683, 0.3135.

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

54.1975, 0.2683, 0.3135

Protanopia

54.0315, 0.3017, 0.3109

Deuteranopia

53.8747, 0.3008, 0.2950



Tritanopia

54.0309, 0.2664, 0.3072

Trichromacy



Original Color

54.1975, 0.2683, 0.3135

Protanomaly

54.1006, 0.2885, 0.3116

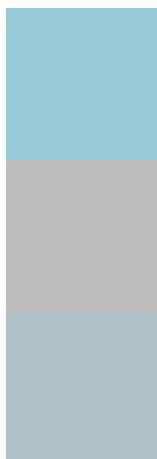
Deuteranomaly

53.6606, 0.2880, 0.3010

Tritanomaly

53.9784, 0.2670, 0.3085

Monochromacy



Original Color

54.1975, 0.2683, 0.3135

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7748, 0.2950, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1975, 0.2683, 0.3135 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(151, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 215)  
}
```

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(151, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.1975, 0.2683, 0.3135 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(151, 203, 215) }
```

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

```
.border{ border-color:rgb(151, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1975, 0.2683, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 215) }
```

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

```
.background{ background-color: rgb(151,  
203, 215) }
```

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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