

Converting Colors

$Yxy(54.2555, 0.2672, 0.2982)$

Have a look what the booklet for
Yxy(54.2555, 0.2672, 0.2982)
contains.

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Color

Yxy(54.1157, 0.2670, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	9FC8E1
RGB	159, 200, 225
RGB Percent	62%, 78%, 88%
CMY	0.3767, 0.2156, 0.1176
CMYK	0.29, 0.11, 0.00, 0.12
HSL	203°, 52%, 75%
HSV	203°, 29%, 88%
XYZ	48.5351, 54.1157, 79.1285
YIQ	190.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

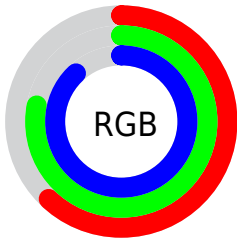
Format	Color
R _Y B	159, 184, 225
Decimal	10471649
CIE Lab	78.53, -7.81, -16.83
CIE LCh	79, 18.554, 245.117
Yxy	54.1157, 0.2670, 0.2977
Android (android.graphics.Color)	4288661729 (0xFF9FC8E1)
YUV	190.5910, 16.9636, -27.7053
Hunter-Lab	73.5634, -10.9666, -12.2810

Details

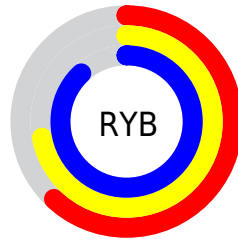
The Yxy color **54.1157, 0.2670, 0.2977** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.7655, 0.3696, 0.3582**, and the grayscale version is **51.7607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **26.5242, 0.2554, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **48.1897, 0.2518, 0.2851**, and if you desaturate by 10%, it is **60.6843, 0.2826, 0.3094**.

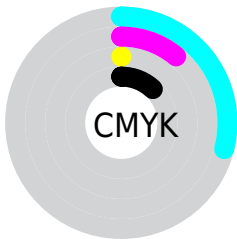
Distribution



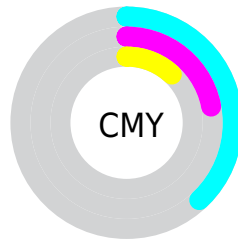
- Red (62%)
- Green (78%)
- Blue (88%)



- Red (62%)
- Yellow (72%)
- Blue (88%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (38%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1157, 0.2670, 0.2977 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 54.1157, 0.2670, 0.2977 by changing the saturation by 10% instead.

■ 54.1157, 0.2670,
0.2977

■ 54.1157, 0.2670,
0.2977

402.5511, 0.2889,
0.3131

■ 38.6942, 0.2618,
0.2939

■ 96.2441, 0.2748,
0.3032

■ 26.5219, 0.2553,
0.2892

■ 123.7198, 0.2777,
0.3053

■ 17.2145, 0.2469,
0.2829

155.9823, 0.2803,
0.3071

■ 10.3875, 0.2357,
0.2745

193.4160, 0.2825,
0.3087

■ 5.6566, 0.2201,
0.2623

236.4053, 0.2844,
0.3100

■ 2.6374, 0.1969,
0.2435

285.3347, 0.2861,

■ 0.9455, 0.1583,

0.3112

0.2118

340.5885, 0.2876,
0.3122

0.0000, 0.0000,
0.0000

54.1157, 0.2670,
0.2977

54.1157, 0.2670,
0.2977

48.1897, 0.2518,
0.2851

60.6843, 0.2826,
0.3094

42.8734, 0.2373,
0.2716

67.9133, 0.2983,
0.3200

38.1406, 0.2239,
0.2574

75.8281, 0.3137,
0.3296

33.9597, 0.2121,
0.2428

84.4503, 0.3287,
0.3381

30.2954, 0.2023,
0.2281

90.5463, 0.3318,
0.3463

■ 27.1063, 0.1946,
0.2135

■ 95.7485, 0.3308,
0.3545

■ 24.3276, 0.1888,
0.1992

■ 98.2169, 0.3303,
0.3581

■ 24.1595, 0.1884,
0.1983

Harmonies

Analogous

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



54.1157, 0.2680, 0.3159



54.1157, 0.2670, 0.2977



54.1157, 0.2777, 0.2886

Triad

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



54.1157, 0.2670, 0.2977



54.1157, 0.3456, 0.3183



54.1157, 0.3263, 0.3718

Complementary

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



54.1157, 0.2670, 0.2977



52.7655, 0.3696, 0.3582

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.



54.1157, 0.3480, 0.3707



54.1157, 0.2670, 0.2977



54.1157, 0.3596, 0.3391

Square

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



54.1157, 0.2670, 0.2977



54.1157, 0.3227, 0.3007



54.1157, 0.3605, 0.3583



54.1157, 0.3016, 0.3601

Rectangle

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



54.1157, 0.2670, 0.2977



54.1157, 0.2903, 0.2883



54.1157, 0.3605, 0.3583



54.1157, 0.3342, 0.3728

Sweetspot

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



54.1179, 0.2670, 0.2977



90.4891, 0.2987, 0.3203



64.6474, 0.2943, 0.3821



19.0545, 0.2965, 0.3188



0.0000, 0.0000, 0.0000



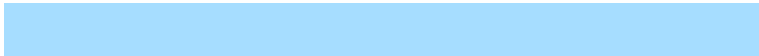
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1179, 0.2670, 0.2977



67.1371, 0.2580, 0.2904



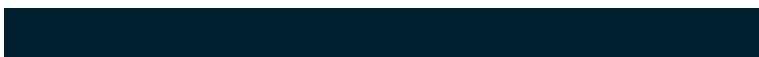
40.7154, 0.2624, 0.2554



14.6555, 0.2981, 0.3199



14.1522, 0.1890, 0.2005



1.1518, 0.1952, 0.2225

Inverse Universe

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



44.9566, 0.3381, 0.2822



53.6746, 0.3448, 0.2725



67.7258, 0.3595, 0.3932



13.8431, 0.3195, 0.3145



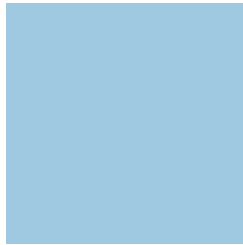
10.3367, 0.4447, 0.2223



0.7337, 0.4205, 0.2090

Previews

White Background



This preview shows how the Yxy color 54.1157, 0.2670, 0.2977 looks on a white background.

Color Contrast Check

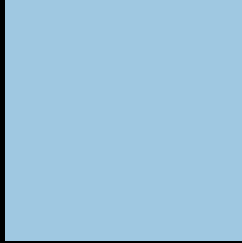
Large Text (above 18pt) WCAG AA × Fail

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 54.1157, 0.2670, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

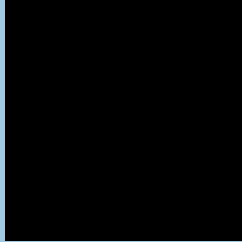
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1157, 0.2670, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 54.1157, 0.2670, 0.2977.



This preview shows how white text looks on a background with the Yxy color 54.1157, 0.2670, 0.2977.

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

54.1157, 0.2670, 0.2977

Protanopia

53.6854, 0.2903, 0.2954

Deuteranopia

53.6770, 0.2906, 0.2845



Tritanopia

53.9511, 0.2706, 0.3086

Trichromacy



Original Color

54.1157, 0.2670, 0.2977

Protanomaly

53.7691, 0.2811, 0.2960

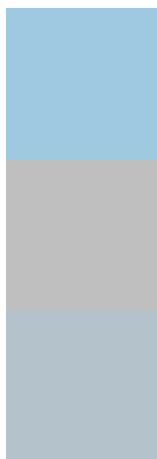
Deuteranomaly

53.6982, 0.2820, 0.2893

Tritanomaly

54.2097, 0.2695, 0.3050

Monochromacy



Original Color

54.1157, 0.2670, 0.2977

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.4791, 0.2946, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1157, 0.2670, 0.2977 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(159, 200, 225)` looks like.

```
.text, #text, p{  
    color:rgb(159, 200, 225)  
}
```

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(159, 200, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 200, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.1157, 0.2670, 0.2977 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(159, 200, 225) }
```

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

```
.border{ border-color:rgb(159, 200, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 200, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 200, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 200, 225); box-shadow:4px 4px 4px 4px rgb(159, 200, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1157, 0.2670, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 200, 225) }
```

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

```
.background{ background-color: rgb(159,  
200, 225) }
```

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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