

Converting Colors

Yxy(54.0921, 0.2656, 0.2948)

Have a look what the booklet for
Yxy(54.0921, 0.2656, 0.2948)
contains.

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Color

Yxy(54.2255, 0.2659, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	9FC8E3
RGB	159, 200, 227
RGB Percent	62%, 78%, 89%
CMY	0.3762, 0.2157, 0.1097
CMYK	0.30, 0.12, 0.00, 0.11
HSL	204°, 55%, 76%
HSV	204°, 30%, 89%
XYZ	48.8268, 54.2255, 80.5762
YIQ	190.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

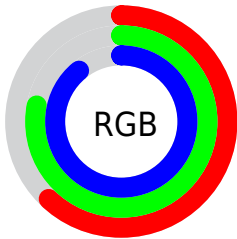
Format	Color
R_{YB}	159, 185, 227
Decimal	10471651
CIE _{Lab}	78.59, -7.28, -17.81
CIE _{LCh}	79, 19.243, 247.760
Yxy	54.2255, 0.2659, 0.2953
Android (android.graphics.Color)	4288661731 (0xFF9FC8E3)
YUV	190.8190, 17.8372, -27.9053
Hunter-Lab	73.6380, -10.5092, -13.3298

Details

The Yxy color **54.2255, 0.2659, 0.2953** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.9905, 0.3706, 0.3603**, and the grayscale version is **51.9063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **26.5396, 0.2532, 0.2854** is the 20% darker color. If you saturate the color by 10%, you get **48.0563, 0.2505, 0.2819**, and if you desaturate by 10%, it is **61.0722, 0.2816, 0.3077**.

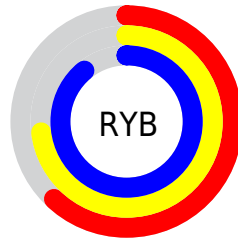
Distribution



Red (62%)

Green (78%)

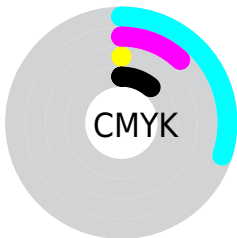
Blue (89%)



Red (62%)

Yellow (73%)

Blue (89%)

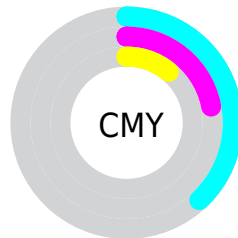


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2255, 0.2659, 0.2953 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 54.2255, 0.2659, 0.2953 by changing the saturation by 10% instead.

■ 54.2255, 0.2659,
0.2953

■ 54.2255, 0.2659,
0.2953

402.9693, 0.2883,
0.3119

■ 38.7820, 0.2606,
0.2913

■ 96.4053, 0.2738,
0.3012

■ 26.5902, 0.2540,
0.2862

■ 123.9103, 0.2769,
0.3035

■ 17.2657, 0.2454,
0.2796

156.2046, 0.2795,
0.3054

■ 10.4241, 0.2340,
0.2705

193.6726, 0.2817,
0.3070

■ 5.6810, 0.2181,
0.2577

236.6987, 0.2837,
0.3085

■ 2.6521, 0.1946,
0.2380

285.6672, 0.2854,

■ 0.9529, 0.1562,

0.3097

0.2049

340.9626, 0.2870,
0.3109

0.0000, 0.0000,
0.0000

54.2255, 0.2659,
0.2953

54.2255, 0.2659,
0.2953

48.0563, 0.2505,
0.2819

61.0722, 0.2816,
0.3077

42.5305, 0.2358,
0.2676

68.6157, 0.2974,
0.3189

37.6203, 0.2223,
0.2526

76.8821, 0.3128,
0.3291

33.2929, 0.2103,
0.2372

85.8943, 0.3278,
0.3381

29.5109, 0.2003,
0.2216

92.1893, 0.3303,
0.3468

■ 26.2311, 0.1924,
0.2063

■ 97.7894, 0.3292,
0.3554

■ 23.3816, 0.1865,
0.1914

■ 98.3269, 0.3291,
0.3562

■ 23.3642, 0.1865,
0.1913

Harmonies

Analogous

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



54.2255, 0.2658, 0.3135



54.2255, 0.2659, 0.2953



54.2255, 0.2779, 0.2869

Triad

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



54.2255, 0.2659, 0.2953



54.2255, 0.3485, 0.3197



54.2255, 0.3245, 0.3728

Complementary

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



54.2255, 0.2659, 0.2953



53.9905, 0.3706, 0.3603

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.



54.2255, 0.3476, 0.3728



54.2255, 0.2659, 0.2953



54.2255, 0.3620, 0.3413

Square

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



54.2255, 0.2659, 0.2953



54.2255, 0.3253, 0.3010



54.2255, 0.3616, 0.3608



54.2255, 0.2989, 0.3596

Rectangle

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



54.2255, 0.2659, 0.2953



54.2255, 0.2914, 0.2873



54.2255, 0.3616, 0.3608



54.2255, 0.3329, 0.3743

Sweetspot

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



54.2277, 0.2659, 0.2953



90.2188, 0.2987, 0.3199



65.8304, 0.2932, 0.3819



18.9878, 0.2964, 0.3183



0.0000, 0.0000, 0.0000



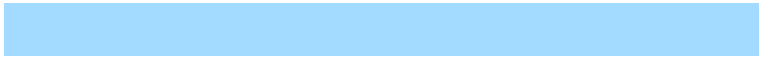
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2277, 0.2659, 0.2953



65.4273, 0.2561, 0.2870



40.5554, 0.2611, 0.2521



15.3241, 0.2981, 0.3194



13.8580, 0.1871, 0.1935



1.2044, 0.1932, 0.2154

Inverse Universe

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



45.3187, 0.3400, 0.2826



52.6134, 0.3476, 0.2726



69.5467, 0.3601, 0.3957



14.5131, 0.3199, 0.3149



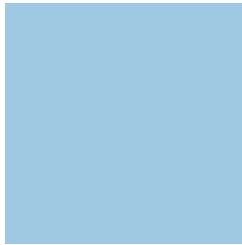
10.5967, 0.4527, 0.2267



0.8013, 0.4282, 0.2133

Previews

White Background



This preview shows how the Yxy color 54.2255, 0.2659, 0.2953 looks on a white background.

Color Contrast Check

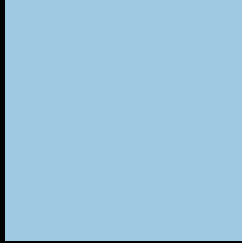
Large Text (above 18pt) WCAG AA × Fail

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 54.2255, 0.2659, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

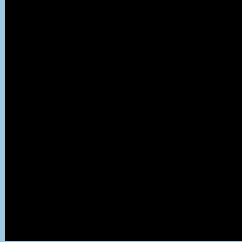
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2255, 0.2659, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 54.2255, 0.2659, 0.2953.



This preview shows how white text looks on a background with the Yxy color 54.2255, 0.2659, 0.2953.

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

54.2255, 0.2659, 0.2953

Protanopia

53.7920, 0.2889, 0.2931

Deuteranopia

53.7881, 0.2893, 0.2824



Tritanopia

54.4711, 0.2702, 0.3087

Trichromacy



Original Color

54.2255, 0.2659, 0.2953

Protanomaly

53.8770, 0.2798, 0.2937

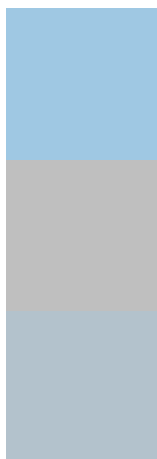
Deuteranomaly

53.8086, 0.2807, 0.2871

Tritanomaly

54.2628, 0.2689, 0.3037

Monochromacy



Original Color

54.2255, 0.2659, 0.2953

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5269, 0.2939, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2255, 0.2659, 0.2953 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 200, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 200, 227) }
```

Border

The CSS property to change the border of an element to Yxy 54.2255, 0.2659, 0.2953 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, 227) }
```

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

```
.border{ border-color:rgb(159, 200, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 200, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 200, 227);  
box-shadow:4px 4px 4px 4px rgb(159, 200,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2255, 0.2659, 0.2953 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, 227) }
```

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

```
.background{ background-color: rgb(159,  
200, 227) }
```

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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