

Converting Colors

Yxy(54.6689, 0.2673, 0.2853)

Have a look what the booklet for
Yxy(54.6689, 0.2673, 0.2853)
contains.

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Color

Yxy(54.6535, 0.2673, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	A8C6EA
RGB	168, 198, 234
RGB Percent	66%, 78%, 92%
CMY	0.3409, 0.2236, 0.0823
CMYK	0.28, 0.15, 0.00, 0.08
HSL	213°, 61%, 79%
HSV	213°, 28%, 92%
XYZ	51.2053, 54.6535, 85.7062
YIQ	193.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

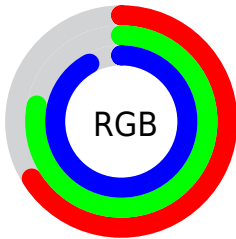
Format	Color
R _Y B	168, 189, 234
Decimal	11060970
CIE Lab	78.84, -1.95, -21.14
CIE LCh	79, 21.234, 264.721
Yxy	54.6535, 0.2673, 0.2853
Android (android.graphics.Color)	4289251050 (0xFFA8C6EA)
YUV	193.1340, 20.1469, -22.0425
Hunter-Lab	73.9280, -5.7382, -16.9865

Details

The Yxy color **54.6535, 0.2673, 0.2853** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.5561, 0.3636, 0.3690**, and the grayscale version is **53.3112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **26.7383, 0.2555, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **46.7134, 0.2504, 0.2667**, and if you desaturate by 10%, it is **63.5535, 0.2840, 0.3023**.

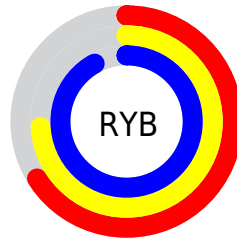
Distribution



Red (66%)

Green (78%)

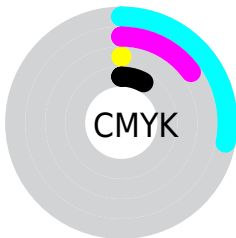
Blue (92%)



Red (66%)

Yellow (74%)

Blue (92%)

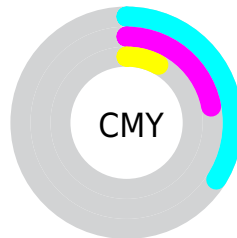


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (8%)



Cyan (34%)


Magenta (22%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6535, 0.2673, 0.2853 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 54.6535, 0.2673, 0.2853 by changing the saturation by 10% instead.

 54.6535, 0.2673,
0.2853


 54.6535, 0.2673,
0.2853


404.5971, 0.2891,
0.3064

 39.1244, 0.2622,
0.2803


 97.0331, 0.2750,
0.2928

 26.8565, 0.2557,
0.2740

 124.6523, 0.2780,
0.2956

 17.4655, 0.2474,
0.2659


157.0704, 0.2805,
0.2981

 10.5669, 0.2364,
0.2550

194.6717, 0.2827,
0.3002

 5.7764, 0.2211,
0.2398

237.8407, 0.2846,
0.3020

 2.7096, 0.1985,
0.2172

286.9616, 0.2863,

 0.9821, 0.1627,

0.3037

0.1809

342.4190, 0.2878,
0.3051

0.0000, 0.0000,
0.0000

54.6535, 0.2673,
0.2853

54.6535, 0.2673,
0.2853

46.7134, 0.2504,
0.2667

63.5535, 0.2840,
0.3023

39.6898, 0.2338,
0.2468

73.4416, 0.3001,
0.3177

33.5451, 0.2180,
0.2258

84.3526, 0.3154,
0.3314

28.2362, 0.2035,
0.2043

95.0305, 0.3255,
0.3437

23.7149, 0.1910,
0.1830

98.7216, 0.3250,
0.3493

■ 19.9266, 0.1810,
0.1625

■ 16.7990, 0.1735,
0.1434

■ 16.2857, 0.1723,
0.1401

Harmonies

Analogous

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



54.6535, 0.2597, 0.2993



54.6535, 0.2673, 0.2853



54.6535, 0.2868, 0.2829

Triad

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



54.6535, 0.2673, 0.2853



54.6535, 0.3623, 0.3320



54.6535, 0.3095, 0.3709

Complementary

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



54.6535, 0.2673, 0.2853



63.5561, 0.3636, 0.3690

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.



54.6535, 0.3374, 0.3792



54.6535, 0.2673, 0.2853



54.6535, 0.3687, 0.3550

Square

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



54.6535, 0.2673, 0.2853



54.6535, 0.3419, 0.3092



54.6535, 0.3594, 0.3727



54.6535, 0.2833, 0.3496

Rectangle

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



54.6535, 0.2673, 0.2853



54.6535, 0.3044, 0.2876



54.6535, 0.3594, 0.3727



54.6535, 0.3190, 0.3753

Sweetspot

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



54.6557, 0.2673, 0.2853



89.4286, 0.3003, 0.3179



71.5118, 0.2886, 0.3660



18.7352, 0.2979, 0.3157



0.0000, 0.0000, 0.0000



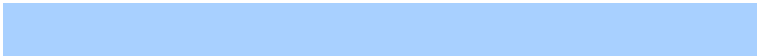
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6557, 0.2673, 0.2853



60.5121, 0.2572, 0.2744



42.5452, 0.2650, 0.2478



15.6746, 0.2980, 0.3158



9.3943, 0.1730, 0.1429



0.9277, 0.1804, 0.1694

Inverse Universe

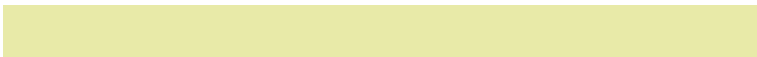
The Inverse Universe completely reimagines the original color for something new.



49.6007, 0.3468, 0.2958



53.9123, 0.3566, 0.2885



78.8122, 0.3537, 0.3998



15.1677, 0.3222, 0.3184



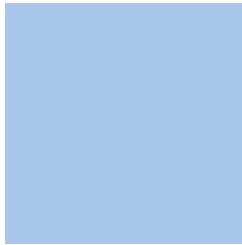
10.4412, 0.5152, 0.2612



0.8391, 0.4814, 0.2426

Previews

White Background



This preview shows how the Yxy color 54.6535, 0.2673, 0.2853 looks on a white background.

Color Contrast Check

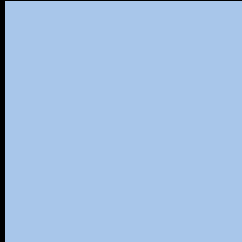
Large Text (above 18pt) WCAG AA × Fail

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 54.6535, 0.2673, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

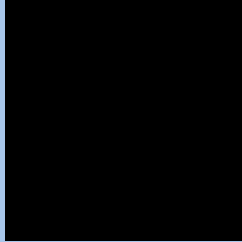
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

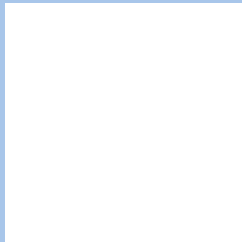
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6535, 0.2673, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 54.6535, 0.2673, 0.2853.



This preview shows how white text looks on a background with the Yxy color 54.6535, 0.2673, 0.2853.

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

54.6535, 0.2673, 0.2853

Protanopia

54.4742, 0.2816, 0.2841

Deuteranopia

54.2205, 0.2824, 0.2757



Tritanopia

54.6756, 0.2752, 0.3089

Trichromacy



Original Color

54.6535, 0.2673, 0.2853

Protanomaly

54.5597, 0.2762, 0.2848

Deuteranomaly

54.3284, 0.2769, 0.2795

Tritanomaly

54.6356, 0.2721, 0.3004

Monochromacy



Original Color

54.6535, 0.2673, 0.2853

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7746, 0.2949, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6535, 0.2673, 0.2853 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(168, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 234)  
}
```

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(168, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 234) }
```

Border

The CSS property to change the border of an element to Yxy 54.6535, 0.2673, 0.2853 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(168, 198, 234) }
```

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

```
.border{ border-color:rgb(168, 198, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 198, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 234);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6535, 0.2673, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 234) }
```

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

```
.background{ background-color: rgb(168,  
198, 234) }
```

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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