

Converting Colors

Yxy(53.7564, 0.2678, 0.2836)

Have a look what the booklet for
Yxy(53.7564, 0.2678, 0.2836)
contains.

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Color

Yxy(53.7981, 0.2683, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	A9C4E9
RGB	169, 196, 233
RGB Percent	66%, 77%, 91%
CMY	0.3369, 0.2314, 0.0862
CMYK	0.27, 0.16, 0.00, 0.09
HSL	215°, 59%, 79%
HSV	215°, 27%, 91%
XYZ	50.8241, 53.7981, 84.8078
YIQ	192.1450, -27.9690, 5.7830

Conversions

Conversions Part 2

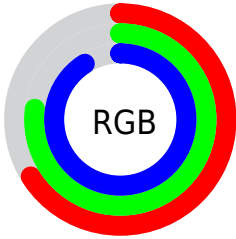
Format	Color
R_{YB}	169, 188, 233
Decimal	11125993
CIE Lab	78.34, -0.82, -21.35
CIE LCh	78, 21.370, 267.796
Yxy	53.7981, 0.2683, 0.2840
Android (android.graphics.Color)	4289316073 (0xFFA9C4E9)
YUV	192.1450, 20.1415, -20.2982
Hunter-Lab	73.3472, -4.6706, -17.2111

Details

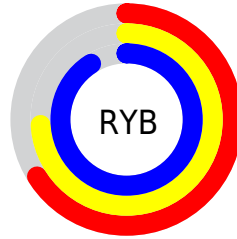
The Yxy color **53.7981, 0.2683, 0.2840** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.3910, 0.3614, 0.3702**, and the grayscale version is **52.7028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4781, 0.2946, 0.3269**, and **26.1652, 0.2566, 0.2720** is the 20% darker color. If you saturate the color by 10%, you get **45.6303, 0.2512, 0.2644**, and if you desaturate by 10%, it is **62.9772, 0.2851, 0.3020**.

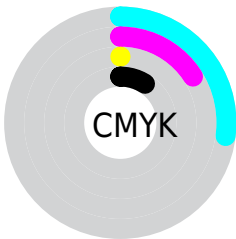
Distribution



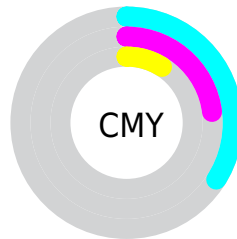
- Red (66%)
- Green (77%)
- Blue (91%)



- Red (66%)
- Yellow (74%)
- Blue (91%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7981, 0.2683, 0.2840 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 53.7981, 0.2683, 0.2840 by changing the saturation by 10% instead.

■ 53.7981, 0.2683,
0.2840

■ 53.7981, 0.2683,
0.2840

401.3396, 0.2897,
0.3057

■ 38.4403, 0.2632,
0.2788

■ 95.7777, 0.2759,
0.2917

■ 26.3246, 0.2569,
0.2723

123.1683, 0.2788,
0.2947

■ 17.0666, 0.2487,
0.2640

155.3386, 0.2813,
0.2972

■ 10.2820, 0.2377,
0.2528

192.6730, 0.2834,
0.2994

■ 5.5863, 0.2224,
0.2371

235.5560, 0.2853,
0.3013

■ 2.5952, 0.1998,
0.2138

284.3718, 0.2869,

■ 0.9243, 0.1638,

0.3029

0.1764

339.5049, 0.2884,
0.3044

0.0000, 0.0000,
0.0000

53.7981, 0.2683,
0.2840

53.7981, 0.2683,
0.2840

45.6303, 0.2512,
0.2644

62.9772, 0.2851,
0.3020

38.4287, 0.2341,
0.2432

73.1976, 0.3013,
0.3181

32.1538, 0.2178,
0.2210

84.4960, 0.3165,
0.3325

26.7604, 0.2027,
0.1983

95.4967, 0.3261,
0.3455

22.1985, 0.1896,
0.1758

98.6641, 0.3256,
0.3503

■ 18.4115, 0.1790,
0.1543

■ 15.3287, 0.1712,
0.1346

■ 14.6289, 0.1694,
0.1299

Harmonies

Analogous

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



53.7981, 0.2593, 0.2970



53.7981, 0.2683, 0.2840



53.7981, 0.2890, 0.2828

Triad

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



53.7981, 0.2683, 0.2840



53.7981, 0.3643, 0.3344



53.7981, 0.3066, 0.3697

Complementary

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



53.7981, 0.2683, 0.2840



64.3910, 0.3614, 0.3702

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.



53.7981, 0.3350, 0.3797



53.7981, 0.2683, 0.2840



53.7981, 0.3692, 0.3575

Square

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



53.7981, 0.2683, 0.2840



53.7981, 0.3448, 0.3112



53.7981, 0.3581, 0.3745



53.7981, 0.2806, 0.3471

Rectangle

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



53.7981, 0.2683, 0.2840



53.7981, 0.3072, 0.2883



53.7981, 0.3581, 0.3745



53.7981, 0.3161, 0.3747

Sweetspot

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



53.8002, 0.2683, 0.2840



89.0255, 0.3003, 0.3172



71.1539, 0.2880, 0.3622



18.6339, 0.2979, 0.3149



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.



53.8002, 0.2683, 0.2840



60.1285, 0.2585, 0.2730



43.2129, 0.2680, 0.2506



15.5906, 0.2980, 0.3150



8.5324, 0.1702, 0.1327



0.8565, 0.1777, 0.1598

Inverse Universe

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



49.7167, 0.3475, 0.2990



54.7980, 0.3573, 0.2925



77.7725, 0.3510, 0.3982



15.1592, 0.3227, 0.3191



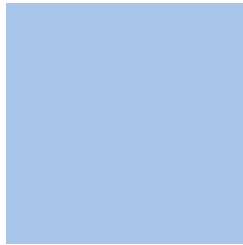
10.3542, 0.5289, 0.2687



0.8319, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 53.7981, 0.2683, 0.2840 looks on a white background.

Color Contrast Check

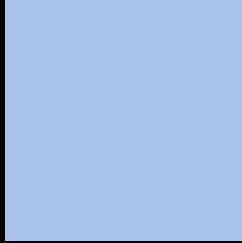
Large Text (above 18pt) WCAG AA × Fail

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 53.7981, 0.2683, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

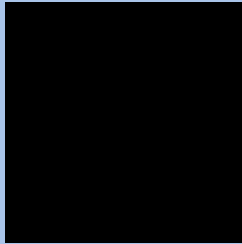
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

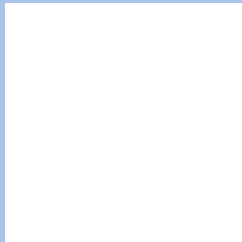
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7981, 0.2683, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 53.7981, 0.2683, 0.2840.



This preview shows how white text looks on a background with the Yxy color 53.7981, 0.2683, 0.2840.

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

53.7981, 0.2683, 0.2840

Protanopia

53.7267, 0.2807, 0.2838

Deuteranopia

53.5422, 0.2830, 0.2765



Tritanopia

53.7525, 0.2769, 0.3088

Trichromacy



Original Color

53.7981, 0.2683, 0.2840

Protanomaly

53.4932, 0.2759, 0.2834

Deuteranomaly

53.8301, 0.2775, 0.2793

Tritanomaly

53.7691, 0.2732, 0.2991

Monochromacy



Original Color

53.7981, 0.2683, 0.2840

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8353, 0.2955, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7981, 0.2683, 0.2840 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(169, 196, 233)` looks like.

```
.text, #text, p{  
    color:rgb(169, 196, 233)  
}
```

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(169, 196, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 196, 233) }
```

Border

The CSS property to change the border of an element to Yxy 53.7981, 0.2683, 0.2840 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(169, 196, 233) }
```

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

```
.border{ border-color:rgb(169, 196, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 196, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 196, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 196, 233);  
box-shadow:4px 4px 4px 4px rgb(169, 196,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7981, 0.2683, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 196, 233) }
```

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

```
.background{ background-color: rgb(169,  
196, 233) }
```

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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