

Converting Colors

Yxy(53.5427, 0.2689, 0.2933)

Have a look what the booklet for
Yxy(53.5427, 0.2689, 0.2933)
contains.

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Color

Yxy(53.7717, 0.2694, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	A4C6E2
RGB	164, 198, 226
RGB Percent	64%, 78%, 89%
CMY	0.3570, 0.2235, 0.1138
CMYK	0.27, 0.12, 0.00, 0.11
HSL	207°, 52%, 76%
HSV	207°, 27%, 89%
XYZ	49.2222, 53.7717, 79.7166
YIQ	191.0260, -29.2520, 1.5000

Conversions

Conversions Part 2

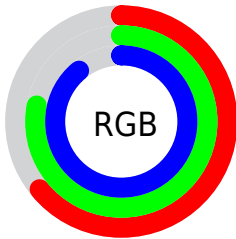
Format	Color
RYB	164, 186, 226
Decimal	10798818
CIELab	78.33, -5.06, -17.62
CIELCh	78, 18.335, 253.965
Yxy	53.7717, 0.2694, 0.2943
Android (android.graphics.Color)	4288988898 (0xFFA4C6E2)
YUV	191.0260, 17.2422, -23.7018
Hunter-Lab	73.3292, -8.5080, -13.1241

Details

The Yxy color **53.7717, 0.2694, 0.2943** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.5076, 0.3637, 0.3613**, and the grayscale version is **52.0238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **26.2663, 0.2582, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **47.0777, 0.2534, 0.2793**, and if you desaturate by 10%, it is **61.2104, 0.2855, 0.3081**.

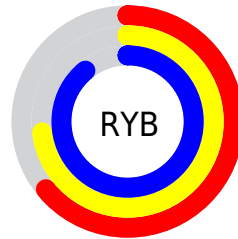
Distribution



Red (64%)

Green (78%)

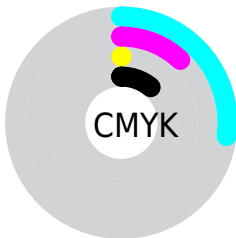
Blue (89%)



Red (64%)

Yellow (73%)

Blue (89%)

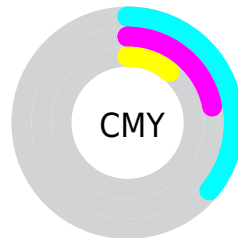


Cyan (27%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7717, 0.2694, 0.2943 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 53.7717, 0.2694, 0.2943 by changing the saturation by 10% instead.

■ 53.7717, 0.2694,
0.2943

■ 53.7717, 0.2694,
0.2943

401.2388, 0.2902,
0.3113

■ 38.4192, 0.2645,
0.2902

■ 95.7390, 0.2768,
0.3004

■ 26.3082, 0.2582,
0.2850

■ 123.1225, 0.2796,
0.3027

■ 17.0543, 0.2502,
0.2782

155.2851, 0.2820,
0.3046

■ 10.2732, 0.2395,
0.2691

192.6112, 0.2841,
0.3063

■ 5.5805, 0.2245,
0.2560

235.4853, 0.2859,
0.3078

■ 2.5917, 0.2021,
0.2361

284.2916, 0.2875,

■ 0.9225, 0.1654,

0.3091

0.2027

339.4147, 0.2890,
0.3103

0.0000, 0.0000,
0.0000

53.7717, 0.2694,
0.2943

53.7717, 0.2694,
0.2943

47.0777, 0.2534,
0.2793

61.2104, 0.2855,
0.3081

41.0932, 0.2379,
0.2632

69.4143, 0.3013,
0.3206

35.7894, 0.2233,
0.2462

78.4109, 0.3166,
0.3317

31.1323, 0.2101,
0.2286

88.2241, 0.3312,
0.3417

27.0843, 0.1988,
0.2109

94.4736, 0.3305,
0.3515

■ 23.6018, 0.1897,
0.1934

■ 98.2696, 0.3298,
0.3572

■ 20.6287, 0.1828,
0.1767

■ 19.9289, 0.1813,
0.1725

Harmonies

Analogous

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



53.7717, 0.2669, 0.3100



53.7717, 0.2694, 0.2943



53.7717, 0.2831, 0.2883

Triad

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



53.7717, 0.2694, 0.2943



53.7717, 0.3505, 0.3243



53.7717, 0.3190, 0.3692

Complementary

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



53.7717, 0.2694, 0.2943



56.5076, 0.3637, 0.3613

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.



53.7717, 0.3421, 0.3719



53.7717, 0.2694, 0.2943



53.7717, 0.3609, 0.3450

Square

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



53.7717, 0.2694, 0.2943



53.7717, 0.3298, 0.3055



53.7717, 0.3576, 0.3625



53.7717, 0.2948, 0.3543

Rectangle

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



53.7717, 0.2694, 0.2943



53.7717, 0.2970, 0.2900



53.7717, 0.3576, 0.3625



53.7717, 0.3271, 0.3715

Sweetspot

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



53.7739, 0.2694, 0.2943



90.6058, 0.3003, 0.3198



66.0670, 0.2923, 0.3715



19.0315, 0.2979, 0.3180



0.0000, 0.0000, 0.0000



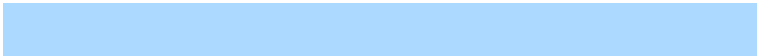
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7739, 0.2694, 0.2943



65.5187, 0.2601, 0.2858



41.0386, 0.2654, 0.2541



14.4848, 0.2981, 0.3182



11.6128, 0.1820, 0.1751



0.9831, 0.1891, 0.2008

Inverse Universe

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



46.7800, 0.3401, 0.2902



55.3422, 0.3478, 0.2818



71.5513, 0.3549, 0.3943



13.8259, 0.3207, 0.3162



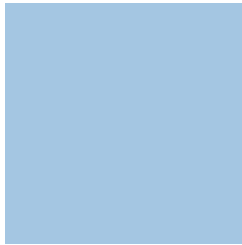
10.0804, 0.4745, 0.2388



0.7167, 0.4443, 0.2221

Previews

White Background



This preview shows how the Yxy color 53.7717, 0.2694, 0.2943 looks on a white background.

Color Contrast Check

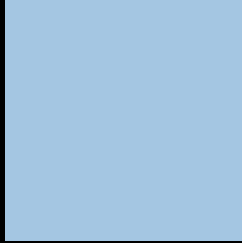
Large Text (above 18pt) WCAG AA × Fail

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 53.7717, 0.2694, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

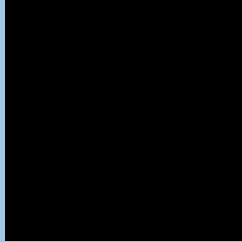
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

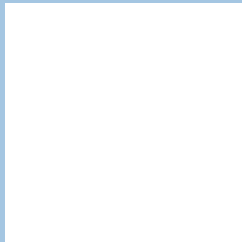
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7717, 0.2694, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 53.7717, 0.2694, 0.2943.



This preview shows how white text looks on a background with the Yxy color 53.7717, 0.2694, 0.2943.

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

53.7717, 0.2694, 0.2943

Protanopia

53.6646, 0.2882, 0.2931

Deuteranopia

53.5987, 0.2892, 0.2833



Tritanopia

53.9478, 0.2744, 0.3087

Trichromacy



Original Color

53.7717, 0.2694, 0.2943

Protanomaly

53.4950, 0.2811, 0.2937

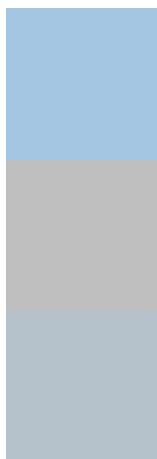
Deuteranomaly

53.4357, 0.2820, 0.2871

Tritanomaly

53.8007, 0.2725, 0.3026

Monochromacy



Original Color

53.7717, 0.2694, 0.2943

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7670, 0.2954, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7717, 0.2694, 0.2943 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(164, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 226)  
}
```

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(164, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.7717, 0.2694, 0.2943 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(164, 198, 226) }
```

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

```
.border{ border-color:rgb(164, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7717, 0.2694, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 226) }
```

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

```
.background{ background-color: rgb(164,  
198, 226) }
```

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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