

Converting Colors

$Yxy(52.6183, 0.2707, 0.3003)$

Have a look what the booklet for
Yxy(52.6183, 0.2707, 0.3003)
contains.

Yxy(52.5734, 0.2703, 0.2999)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5734, 0.2703, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5DC
RGB	160, 197, 220
RGB Percent	63%, 77%, 86%
CMY	0.3724, 0.2275, 0.1373
CMYK	0.27, 0.10, 0.00, 0.14
HSL	203°, 46%, 75%
HSV	203°, 27%, 86%
XYZ	47.3844, 52.5734, 75.3453
YIQ	188.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

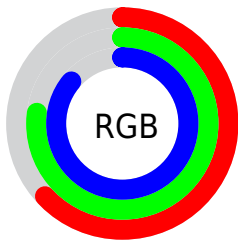
Format	Color
R _Y B	160, 183, 220
Decimal	10536412
CIE Lab	77.62, -7.08, -15.48
CIE LCh	78, 17.025, 245.419
Yxy	52.5734, 0.2703, 0.2999
Android (android.graphics.Color)	4288726492 (0xFFA0C5DC)
YUV	188.5590, 15.5004, -25.0462
Hunter-Lab	72.5075, -10.2365, -10.8552

Details

The Yxy color **52.5734, 0.2703, 0.2999** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.6259, 0.3644, 0.3563**, and the grayscale version is **50.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7026, 0.2894, 0.3279**, and **25.4873, 0.2592, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **46.7812, 0.2549, 0.2873**, and if you desaturate by 10%, it is **58.9852, 0.2860, 0.3115**.

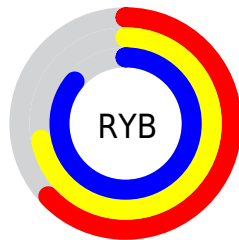
Distribution



Red (63%)

Green (77%)

Blue (86%)



Red (63%)

Yellow (72%)

Blue (86%)

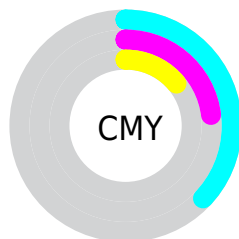


Cyan (27%)

Magenta (10%)

Yellow (0%)

Black (14%)



Cyan (37%)


Magenta (23%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5734, 0.2703, 0.2999 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 52.5734, 0.2703, 0.2999 by changing the saturation by 10% instead.

 52.5734, 0.2703,
0.2999


 52.5734, 0.2703,
0.2999

396.6463, 0.2908,
0.3143

 37.4623, 0.2654,
0.2964


 93.9763, 0.2776,
0.3051

 25.5657, 0.2593,
0.2919


 121.0370, 0.2804,
0.3070

 16.4990, 0.2513,
0.2860


152.8496, 0.2827,
0.3087

 9.8779, 0.2406,
0.2779

189.7986, 0.2848,
0.3101

 5.3181, 0.2255,
0.2662

232.2684, 0.2866,
0.3114

 2.4351, 0.2028,
0.2480

280.6433, 0.2881,

 0.8439, 0.1617,

0.3125

0.2169

335.3078, 0.2895,
0.3134

0.0000, 0.0000,
0.0000

52.5734, 0.2703,
0.2999

52.5734, 0.2703,
0.2999

46.7812, 0.2549,
0.2873

58.9852, 0.2860,
0.3115

41.5777, 0.2402,
0.2738

66.0334, 0.3016,
0.3220

36.9385, 0.2265,
0.2596

73.7416, 0.3169,
0.3315

32.8341, 0.2143,
0.2449

82.1302, 0.3317,
0.3400

29.2321, 0.2039,
0.2299

88.2566, 0.3355,
0.3480

■ 26.0944, 0.1957,
0.2151

■ 93.3152, 0.3343,
0.3562

■ 23.3719, 0.1895,
0.2006

■ 97.9462, 0.3334,
0.3631

■ 22.6745, 0.1880,
0.1967

Harmonies

Analogous

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



52.5734, 0.2711, 0.3168



52.5734, 0.2703, 0.2999



52.5734, 0.2804, 0.2915

Triad

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



52.5734, 0.2703, 0.2999



52.5734, 0.3433, 0.3193



52.5734, 0.3252, 0.3685

Complementary

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



52.5734, 0.2703, 0.2999



51.6259, 0.3644, 0.3563

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.



52.5734, 0.3453, 0.3677



52.5734, 0.2703, 0.2999



52.5734, 0.3562, 0.3386

Square

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



52.5734, 0.2703, 0.2999



52.5734, 0.3222, 0.3028



52.5734, 0.3569, 0.3564



52.5734, 0.3022, 0.3575

Rectangle

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



52.5734, 0.2703, 0.2999



52.5734, 0.2921, 0.2912



52.5734, 0.3569, 0.3564



52.5734, 0.3325, 0.3695

Sweetspot

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



52.5755, 0.2703, 0.2999



91.4453, 0.3003, 0.3212



62.0725, 0.2949, 0.3763



19.2431, 0.2979, 0.3197



0.0000, 0.0000, 0.0000



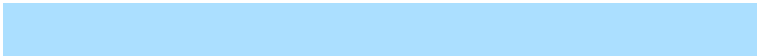
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5755, 0.2703, 0.2999



68.4970, 0.2610, 0.2924



40.2920, 0.2664, 0.2602



13.9474, 0.2982, 0.3198



13.5319, 0.1886, 0.1989



1.0414, 0.1951, 0.2224

Inverse Universe

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



44.3979, 0.3361, 0.2861



55.6428, 0.3428, 0.2762



65.3333, 0.3556, 0.3895



13.1858, 0.3196, 0.3147



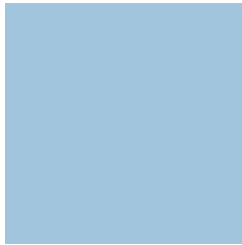
9.9898, 0.4465, 0.2234



0.6638, 0.4207, 0.2091

Previews

White Background



This preview shows how the Yxy color 52.5734, 0.2703, 0.2999 looks on a white background.

Color Contrast Check

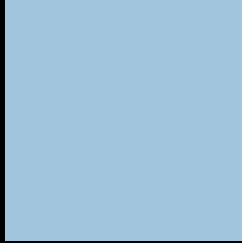
Large Text (above 18pt) WCAG AA × Fail

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 52.5734, 0.2703, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

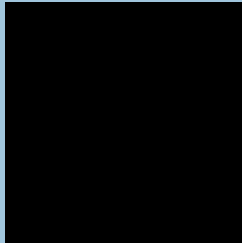
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5734, 0.2703, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 52.5734, 0.2703, 0.2999.



This preview shows how white text looks on a background with the Yxy color 52.5734, 0.2703, 0.2999.

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

52.5734, 0.2703, 0.2999

Protanopia

52.4246, 0.2929, 0.2986

Deuteranopia

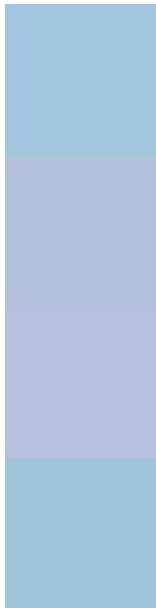
52.4167, 0.2933, 0.2876



Tritanopia

52.6141, 0.2734, 0.3085

Trichromacy



Original Color

52.5734, 0.2703, 0.2999

Protanomaly

52.6147, 0.2843, 0.2994

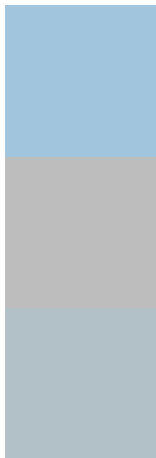
Deuteranomaly

52.4271, 0.2844, 0.2925

Tritanomaly

52.7170, 0.2722, 0.3060

Monochromacy



Original Color

52.5734, 0.2703, 0.2999

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3344, 0.2958, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5734, 0.2703, 0.2999 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(160, 197, 220)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 220)  
}
```

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(160, 197, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 220) }
```

Border

The CSS property to change the border of an element to Yxy 52.5734, 0.2703, 0.2999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

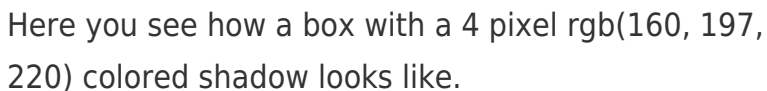
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 197, 220) }
```

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

```
.border{ border-color:rgb(160, 197, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 197, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 197, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 197, 220); box-shadow:4px 4px 4px 4px rgb(160, 197, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5734, 0.2703, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 220) }
```

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

```
.background{ background-color: rgb(160,  
197, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor