

Converting Colors

Yxy(52.8473, 0.2652, 0.2965)

Have a look what the booklet for
Yxy(52.8473, 0.2652, 0.2965)
contains.

Yxy(52.7385, 0.2648, 0.2961)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.7385, 0.2648, 0.2961)

Conversions

Conversions Part 1

Format	Color
Hex	9BC6E0
RGB	155, 198, 224
RGB Percent	61%, 78%, 88%
CMY	0.3922, 0.2235, 0.1216
CMYK	0.31, 0.12, 0.00, 0.12
HSL	203°, 53%, 74%
HSV	203°, 31%, 88%
XYZ	47.1636, 52.7385, 78.2083
YIQ	188.1070, -33.9740, -1.0300

Conversions

Conversions Part 2

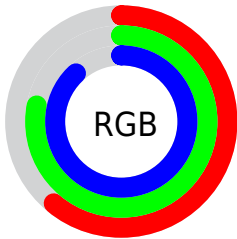
Format	Color
R _Y B	155, 181, 224
Decimal	10208992
CIE Lab	77.72, -8.12, -17.53
CIE LCh	78, 19.316, 245.139
Yxy	52.7385, 0.2648, 0.2961
Android (android.graphics.Color)	4288399072 (0xFF9BC6E0)
YUV	188.1070, 17.6952, -29.0348
Hunter-Lab	72.6213, -11.1610, -13.0165

Details

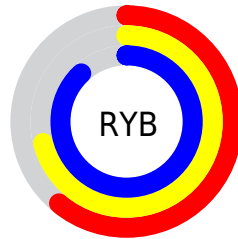
The Yxy color **52.7385, 0.2648, 0.2961** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.2509, 0.3731, 0.3596**, and the grayscale version is **50.2653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **25.6359, 0.2526, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **46.9765, 0.2497, 0.2834**, and if you desaturate by 10%, it is **59.1305, 0.2804, 0.3079**.

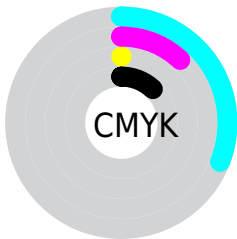
Distribution



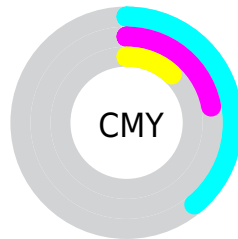
- Red (61%)
- Green (78%)
- Blue (88%)



- Red (61%)
- Yellow (71%)
- Blue (88%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)





- Cyan (39%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7385, 0.2648, 0.2961 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 52.7385, 0.2648, 0.2961 by changing the saturation by 10% instead.

 52.7385, 0.2648,
0.2961

 52.7385, 0.2648,
0.2961


397.2810, 0.2879,
0.3124

 37.5941, 0.2593,
0.2921


 94.2195, 0.2730,
0.3020

 25.6678, 0.2524,
0.2871


 121.3248, 0.2761,
0.3042

 16.5753, 0.2436,
0.2804


153.1858, 0.2788,
0.3061

 9.9321, 0.2317,
0.2714

190.1870, 0.2811,
0.3077

 5.3540, 0.2151,
0.2583

232.7127, 0.2831,
0.3091

 2.4564, 0.1904,
0.2381

281.1474, 0.2849,

 0.8547, 0.1468,

0.3103

0.2043

335.8754, 0.2865,
0.3114

0.0000, 0.0000,
0.0000

52.7385, 0.2648,
0.2961

52.7385, 0.2648,
0.2961

46.9765, 0.2497,
0.2834

59.1305, 0.2804,
0.3079

41.8120, 0.2353,
0.2699

66.1707, 0.2960,
0.3186

37.2186, 0.2222,
0.2557

73.8840, 0.3115,
0.3283

33.1647, 0.2107,
0.2411

82.2920, 0.3265,
0.3369

29.6147, 0.2012,
0.2265

89.0702, 0.3328,
0.3450

■ 26.5267, 0.1938,
0.2120

■ 94.1580, 0.3317,
0.3531

■ 24.0318, 0.1886,
0.1990

■ 98.1614, 0.3310,
0.3592

Harmonies

Analogous

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



52.7385, 0.2658, 0.3152



52.7385, 0.2648, 0.2961



52.7385, 0.2760, 0.2866

Triad

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



52.7385, 0.2648, 0.2961



52.7385, 0.3473, 0.3178



52.7385, 0.3269, 0.3740

Complementary

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



52.7385, 0.2648, 0.2961



51.2509, 0.3731, 0.3596

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.



52.7385, 0.3498, 0.3728



52.7385, 0.2648, 0.2961



52.7385, 0.3620, 0.3395

Square

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



52.7385, 0.2648, 0.2961



52.7385, 0.3231, 0.2993



52.7385, 0.3629, 0.3596



52.7385, 0.3009, 0.3617

Rectangle

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



52.7385, 0.2648, 0.2961



52.7385, 0.2891, 0.2864



52.7385, 0.3629, 0.3596



52.7385, 0.3352, 0.3751

Sweetspot

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



52.7406, 0.2648, 0.2961



90.5132, 0.2987, 0.3203



63.5821, 0.2934, 0.3852



19.0604, 0.2965, 0.3189



0.0000, 0.0000, 0.0000



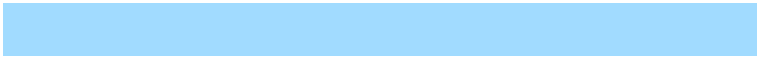
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7406, 0.2648, 0.2961



65.6684, 0.2549, 0.2880



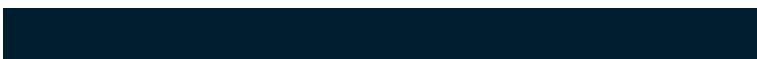
38.9690, 0.2596, 0.2511



14.6596, 0.2981, 0.3200



14.2172, 0.1892, 0.2012



1.1560, 0.1953, 0.2230

Inverse Universe

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



43.3637, 0.3396, 0.2797



51.7667, 0.3471, 0.2691



66.7074, 0.3619, 0.3964



13.8435, 0.3195, 0.3145



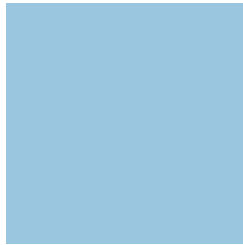
10.3433, 0.4440, 0.2219



0.7342, 0.4200, 0.2087

Previews

White Background



This preview shows how the Yxy color 52.7385, 0.2648, 0.2961 looks on a white background.

Color Contrast Check

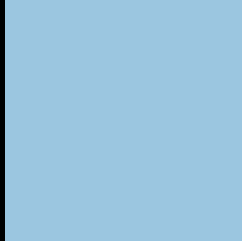
Large Text (above 18pt) WCAG AA × Fail

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 52.7385, 0.2648, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

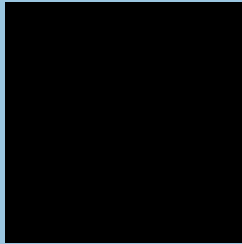
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7385, 0.2648, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 52.7385, 0.2648, 0.2961.



This preview shows how white text looks on a background with the Yxy color 52.7385, 0.2648, 0.2961.

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

52.7385, 0.2648, 0.2961

Protanopia

52.5062, 0.2894, 0.2939

Deuteranopia

52.3691, 0.2890, 0.2829



Tritanopia

52.5254, 0.2690, 0.3083

Trichromacy



Original Color

52.7385, 0.2648, 0.2961

Protanomaly

52.4743, 0.2795, 0.2945

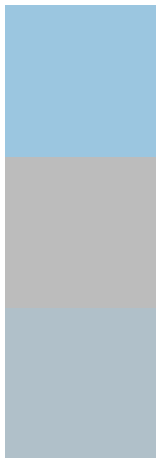
Deuteranomaly

52.2816, 0.2796, 0.2877

Tritanomaly

52.7788, 0.2678, 0.3046

Monochromacy



Original Color

52.7385, 0.2648, 0.2961

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1464, 0.2936, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7385, 0.2648, 0.2961 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(155, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 224)  
}
```

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(155, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 224) }
```

Border

The CSS property to change the border of an element to Yxy 52.7385, 0.2648, 0.2961 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(155, 198, 224) }
```

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

```
.border{ border-color:rgb(155, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(155, 198,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7385, 0.2648, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 224) }
```

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

```
.background{ background-color: rgb(155,  
198, 224) }
```

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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