

Converting Colors

Yxy(54.6662, 0.2755, 0.3050)

Have a look what the booklet for
Yxy(54.6662, 0.2755, 0.3050)
contains.

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Color

Yxy(54.6385, 0.2759, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	A7C8DB
RGB	167, 200, 219
RGB Percent	65%, 78%, 86%
CMY	0.3450, 0.2157, 0.1412
CMYK	0.24, 0.09, 0.00, 0.14
HSL	202°, 42%, 76%
HSV	202°, 24%, 86%
XYZ	49.3769, 54.6385, 74.9512
YIQ	192.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

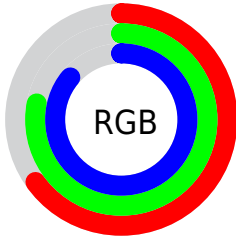
Format	Color
RYB	167, 187, 219
Decimal	10995931
CIELab	78.83, -6.82, -13.09
CIElCh	79, 14.756, 242.483
Yxy	54.6385, 0.2759, 0.3053
Android (android.graphics.Color)	4289186011 (0xFFA7C8DB)
YUV	192.2990, 13.1636, -22.1872
Hunter-Lab	73.9179, -10.1189, -8.3764

Details

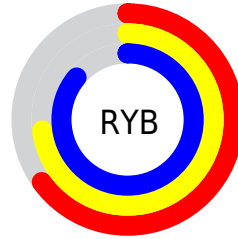
The Yxy color **54.6385, 0.2759, 0.3053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9647, 0.3567, 0.3515**, and the grayscale version is **52.8309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **26.8155, 0.2664, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **48.8453, 0.2605, 0.2937**, and if you desaturate by 10%, it is **61.0338, 0.2915, 0.3160**.

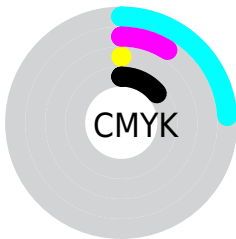
Distribution



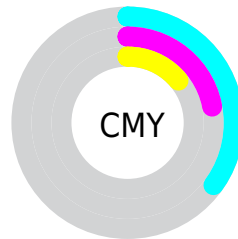
- Red (65%)
- Green (78%)
- Blue (86%)



- Red (65%)
- Yellow (73%)
- Blue (86%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (35%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6385, 0.2759, 0.3053 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 54.6385, 0.2759, 0.3053 by changing the saturation by 10% instead.

■ 54.6385, 0.2759,
0.3053

■ 54.6385, 0.2759,
0.3053

404.5401, 0.2936,
0.3170

■ 39.1124, 0.2717,
0.3025

■ 97.0111, 0.2822,
0.3095

■ 26.8472, 0.2664,
0.2988

■ 124.6264, 0.2846,
0.3111

■ 17.4585, 0.2596,
0.2941

157.0401, 0.2866,
0.3124

■ 10.5619, 0.2504,
0.2876

194.6368, 0.2884,
0.3136

■ 5.7731, 0.2374,
0.2782

237.8007, 0.2900,
0.3146

■ 2.7076, 0.2179,
0.2636

286.9163, 0.2913,

■ 0.9811, 0.1851,

0.3155

0.2380

342.3680, 0.2925,
0.3163

0.0000, 0.0000,
0.0000

54.6385, 0.2759,
0.3053

54.6385, 0.2759,
0.3053

48.8453, 0.2605,
0.2937

61.0338, 0.2915,
0.3160

43.6243, 0.2457,
0.2811

68.0464, 0.3070,
0.3256

38.9526, 0.2318,
0.2679

75.6989, 0.3222,
0.3343

34.8028, 0.2193,
0.2540

84.0109, 0.3369,
0.3420

31.1444, 0.2086,
0.2399

88.6911, 0.3360,
0.3498

■ 27.9426, 0.1998,
0.2258

■ 93.5046, 0.3349,
0.3575

■ 25.1558, 0.1932,
0.2118

■ 97.8937, 0.3340,
0.3641

■ 23.5796, 0.1898,
0.2033

Harmonies

Analogous

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



54.6385, 0.2775, 0.3204



54.6385, 0.2759, 0.3053



54.6385, 0.2837, 0.2971

Triad

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



54.6385, 0.2759, 0.3053



54.6385, 0.3374, 0.3192



54.6385, 0.3253, 0.3630

Complementary

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



54.6385, 0.2759, 0.3053



52.9647, 0.3567, 0.3515

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.



54.6385, 0.3420, 0.3615



54.6385, 0.2759, 0.3053



54.6385, 0.3492, 0.3358

Square

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



54.6385, 0.2759, 0.3053



54.6385, 0.3189, 0.3053



54.6385, 0.3509, 0.3513



54.6385, 0.3057, 0.3546

Rectangle

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



54.6385, 0.2759, 0.3053



54.6385, 0.2935, 0.2963



54.6385, 0.3509, 0.3513



54.6385, 0.3315, 0.3636

Sweetspot

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



54.6407, 0.2759, 0.3053



92.6809, 0.3019, 0.3225



62.3841, 0.2982, 0.3717



19.7069, 0.3009, 0.3220



0.0000, 0.0000, 0.0000



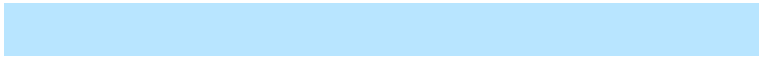
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6407, 0.2759, 0.3053



73.3561, 0.2689, 0.3002



43.9164, 0.2732, 0.2726



13.9882, 0.2982, 0.3203



14.1988, 0.1904, 0.2053



1.0818, 0.1966, 0.2278

Inverse Universe

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



46.8705, 0.3316, 0.2908



61.0278, 0.3361, 0.2832



64.5315, 0.3503, 0.3797



13.1899, 0.3193, 0.3143



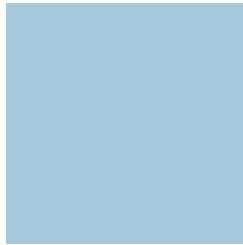
10.0571, 0.4393, 0.2194



0.6679, 0.4150, 0.2060

Previews

White Background



This preview shows how the Yxy color 54.6385, 0.2759, 0.3053 looks on a white background.

Color Contrast Check

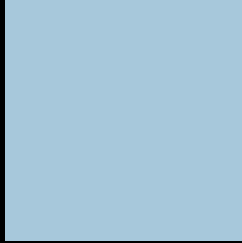
Large Text (above 18pt) WCAG AA × Fail

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 54.6385, 0.2759, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

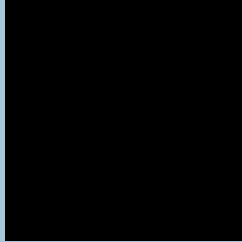
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

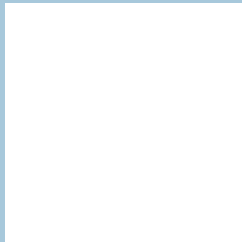
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6385, 0.2759, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 54.6385, 0.2759, 0.3053.



This preview shows how white text looks on a background with the Yxy color 54.6385, 0.2759, 0.3053.

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

54.6385, 0.2759, 0.3053

Protanopia

54.2527, 0.2960, 0.3026

Deuteranopia

54.4649, 0.2987, 0.2928



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.6385, 0.2759, 0.3053

Protanomaly

54.5050, 0.2887, 0.3046

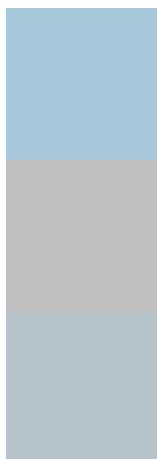
Deuteranomaly

54.5697, 0.2904, 0.2979

Tritanomaly

54.4253, 0.2764, 0.3077

Monochromacy



Original Color

54.6385, 0.2759, 0.3053

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3618, 0.2983, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6385, 0.2759, 0.3053 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(167, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 219)  
}
```

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(167, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 219) }
```

Border

The CSS property to change the border of an element to Yxy 54.6385, 0.2759, 0.3053 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(167, 200, 219) }
```

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

```
.border{ border-color:rgb(167, 200, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6385, 0.2759, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 219) }
```

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

```
.background{ background-color: rgb(167,  
200, 219) }
```

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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