

Converting Colors

$Yxy(55.3617, 0.2599, 0.2968)$

Have a look what the booklet for
Yxy(55.3617, 0.2599, 0.2968)
contains.

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Color

Yxy(55.4782, 0.2599, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	97CCE6
RGB	151, 204, 230
RGB Percent	59%, 80%, 90%
CMY	0.4080, 0.1999, 0.0981
CMYK	0.34, 0.11, 0.00, 0.10
HSL	200°, 61%, 75%
HSV	200°, 34%, 90%
XYZ	48.6300, 55.4782, 83.0021
YIQ	191.1170, -39.9340, -3.1500

Conversions

Conversions Part 2

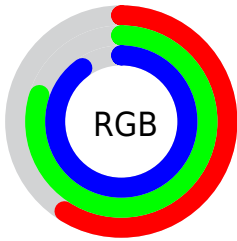
Format	Color
RYB	151, 183, 230
Decimal	9948390
CIELab	79.32, -10.94, -18.36
CIElCh	79, 21.374, 239.219
Yxy	55.4782, 0.2599, 0.2965
Android (android.graphics.Color)	4288138470 (0xFF97CCE6)
YUV	191.1170, 19.1693, -35.1826
Hunter-Lab	74.4837, -13.8049, -13.9322

Details

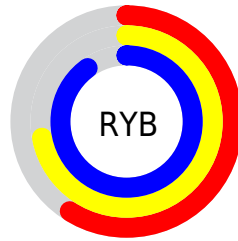
The Yxy color **55.4782, 0.2599, 0.2965** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.4702, 0.3836, 0.3591**, and the grayscale version is **52.0711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **27.4101, 0.2472, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **49.9844, 0.2455, 0.2852**, and if you desaturate by 10%, it is **61.5800, 0.2750, 0.3070**.

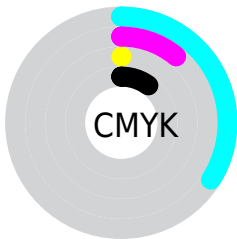
Distribution



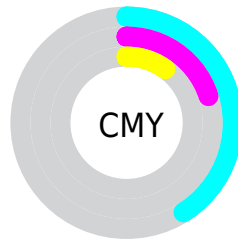
- Red (59%)
- Green (80%)
- Blue (90%)



- Red (59%)
- Yellow (72%)
- Blue (90%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (41%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4782, 0.2599, 0.2965 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 55.4782, 0.2599, 0.2965 by changing the saturation by 10% instead.

■ 55.4782, 0.2599,
0.2965

■ 55.4782, 0.2599,
0.2965

407.7221, 0.2850,
0.3125

■ 39.7847, 0.2540,
0.2926

■ 98.2412, 0.2687,
0.3023

■ 27.3707, 0.2467,
0.2876

■ 126.0796, 0.2721,
0.3045

■ 17.8518, 0.2373,
0.2811

158.7350, 0.2751,
0.3063

■ 10.8437, 0.2248,
0.2723

196.5919, 0.2776,
0.3079

■ 5.9618, 0.2076,
0.2597

240.0347, 0.2798,
0.3093

■ 2.8219, 0.1826,
0.2403

289.4477, 0.2817,

■ 1.0395, 0.1427,

0.3105

0.2080

345.2153, 0.2835,
0.3116

0.0000, 0.0000,
0.0000

55.4782, 0.2599,
0.2965

55.4782, 0.2599,
0.2965

49.9844, 0.2455,
0.2852

61.5800, 0.2750,
0.3070

45.0644, 0.2322,
0.2733

68.3086, 0.2905,
0.3167

40.6904, 0.2203,
0.2609

75.6899, 0.3060,
0.3254

36.8285, 0.2102,
0.2483

83.7463, 0.3213,
0.3333

33.4402, 0.2021,
0.2356

90.3635, 0.3288,
0.3406

■ 30.4786, 0.1961,
0.2231

■ 94.9518, 0.3280,
0.3479

■ 28.9582, 0.1934,
0.2162

■ 98.4928, 0.3274,
0.3532

Harmonies

Analogous

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



55.4782, 0.2636, 0.3188



55.4782, 0.2599, 0.2965



55.4782, 0.2695, 0.2841

Triad

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



55.4782, 0.2599, 0.2965



55.4782, 0.3457, 0.3124



55.4782, 0.3335, 0.3790

Complementary

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



55.4782, 0.2599, 0.2965



50.4702, 0.3836, 0.3591

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.



55.4782, 0.3568, 0.3746



55.4782, 0.2599, 0.2965



55.4782, 0.3644, 0.3355

Square

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



55.4782, 0.2599, 0.2965



55.4782, 0.3183, 0.2937



55.4782, 0.3684, 0.3582



55.4782, 0.3053, 0.3684

Rectangle

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



55.4782, 0.2599, 0.2965



55.4782, 0.2824, 0.2824



55.4782, 0.3684, 0.3582



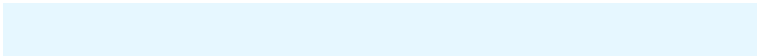
55.4782, 0.3422, 0.3792

Sweetspot

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



55.4804, 0.2599, 0.2965



90.2494, 0.2972, 0.3206



66.2981, 0.2937, 0.3983



19.0384, 0.2950, 0.3193



0.0000, 0.0000, 0.0000



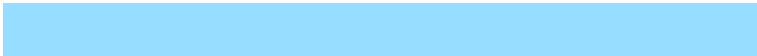
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4804, 0.2599, 0.2965



65.2696, 0.2499, 0.2888



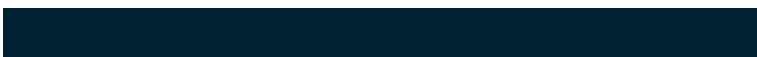
39.3570, 0.2532, 0.2456



15.4962, 0.2981, 0.3211



16.6280, 0.1939, 0.2181



1.3968, 0.1990, 0.2362

Inverse Universe

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



43.2993, 0.3401, 0.2698



48.4179, 0.3475, 0.2579



67.9114, 0.3693, 0.4004



14.5304, 0.3188, 0.3133



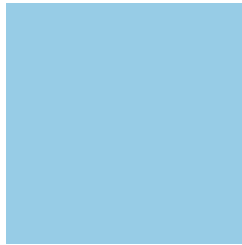
10.8763, 0.4252, 0.2116



0.8207, 0.4062, 0.2011

Previews

White Background



This preview shows how the Yxy color 55.4782, 0.2599, 0.2965 looks on a white background.

Color Contrast Check

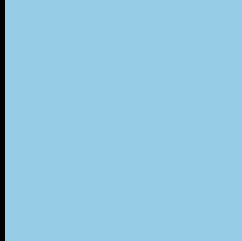
Large Text (above 18pt) WCAG AA × Fail

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 55.4782, 0.2599, 0.2965 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 55.4782, 0.2599, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 55.4782, 0.2599, 0.2965.



This preview shows how white text looks on a background with the Yxy color 55.4782, 0.2599, 0.2965.

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

55.4782, 0.2599, 0.2965

Protanopia

55.0418, 0.2891, 0.2935

Deuteranopia

55.0151, 0.2874, 0.2805



Tritanopia

55.3261, 0.2634, 0.3073

Trichromacy



Original Color

55.4782, 0.2599, 0.2965

Protanomaly

55.1093, 0.2775, 0.2950

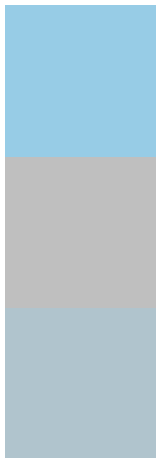
Deuteranomaly

55.0093, 0.2763, 0.2861

Tritanomaly

55.5829, 0.2623, 0.3037

Monochromacy



Original Color

55.4782, 0.2599, 0.2965

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.1177, 0.2910, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4782, 0.2599, 0.2965 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(151, 204, 230)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 230)  
}
```

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(151, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 230) }
```

Border

The CSS property to change the border of an element to Yxy 55.4782, 0.2599, 0.2965 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(151, 204, 230) }
```

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

```
.border{ border-color:rgb(151, 204, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 204, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(151, 204,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4782, 0.2599, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 230) }
```

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

```
.background{ background-color: rgb(151,  
204, 230) }
```

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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