

Converting Colors

$Y_{xy}(55.1410, 0.2616, 0.2957)$

Have a look what the booklet for
Yxy(55.1410, 0.2616, 0.2957)
contains.

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Color

Yxy(55.2390, 0.2621, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	9ACBE5
RGB	154, 203, 229
RGB Percent	60%, 80%, 90%
CMY	0.3960, 0.2039, 0.1019
CMYK	0.33, 0.11, 0.00, 0.10
HSL	201°, 59%, 75%
HSV	201°, 33%, 90%
XYZ	48.8302, 55.2390, 82.2344
YIQ	191.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

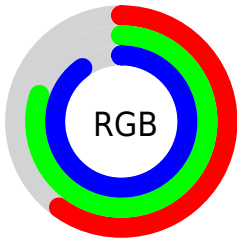
Format	Color
RYB	154, 184, 229
Decimal	10144741
CIELab	79.18, -9.80, -18.03
CIElCh	79, 20.524, 241.483
Yxy	55.2390, 0.2621, 0.2965
Android (android.graphics.Color)	4288334821 (0xFF9ACBE5)
YUV	191.3130, 18.5797, -32.7235
Hunter-Lab	74.3229, -12.7907, -13.5752

Details

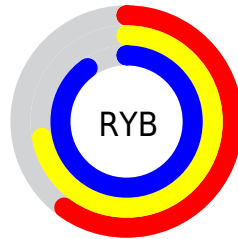
The Yxy color **55.2390, 0.2621, 0.2965** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.6574, 0.3788, 0.3592**, and the grayscale version is **52.2016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **27.2602, 0.2490, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **49.5459, 0.2474, 0.2847**, and if you desaturate by 10%, it is **61.5576, 0.2774, 0.3075**.

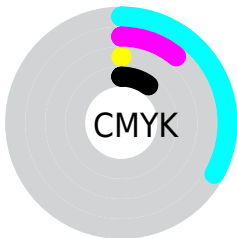
Distribution



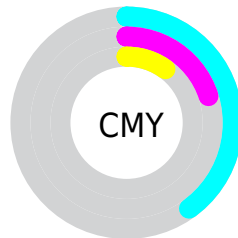
- Red (60%)
- Green (80%)
- Blue (90%)



- Red (60%)
- Yellow (72%)
- Blue (90%)



- Cyan (33%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2390, 0.2621, 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 55.2390, 0.2621, 0.2965 by changing the saturation by 10% instead.

■ 55.2390, 0.2621,
0.2965

■ 55.2390, 0.2621,
0.2965

■ 406.8173, 0.2862,
0.3125

■ 39.5931, 0.2564,
0.2926

■ 97.8910, 0.2706,
0.3022

■ 27.2214, 0.2494,
0.2877

■ 125.6660, 0.2739,
0.3044

■ 17.7396, 0.2403,
0.2812

■ 158.2527, 0.2767,
0.3063

■ 10.7632, 0.2282,
0.2724

■ 196.0356, 0.2791,
0.3079

■ 5.9078, 0.2116,
0.2599

■ 239.3992, 0.2812,
0.3093

■ 2.7891, 0.1872,
0.2407

■ 288.7277, 0.2831,

■ 1.0227, 0.1481,

0.3105

0.2084

344.4056, 0.2847,
0.3116

0.0000, 0.0000,
0.0000

55.2390, 0.2621,
0.2965

55.2390, 0.2621,
0.2965

49.5459, 0.2474,
0.2847

61.5576, 0.2774,
0.3075

44.4445, 0.2336,
0.2722

68.5205, 0.2930,
0.3175

39.9070, 0.2212,
0.2591

76.1536, 0.3085,
0.3267

35.9005, 0.2105,
0.2457

84.4791, 0.3237,
0.3348

32.3869, 0.2018,
0.2323

90.8606, 0.3293,
0.3425

■ 29.3213, 0.1953,
0.2190

■ 95.7140, 0.3284,
0.3501

■ 27.3283, 0.1916,
0.2095

■ 98.4385, 0.3279,
0.3542

Harmonies

Analogous

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



55.2390, 0.2647, 0.3174



55.2390, 0.2621, 0.2965



55.2390, 0.2723, 0.2853

Triad

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



55.2390, 0.2621, 0.2965



55.2390, 0.3462, 0.3146



55.2390, 0.3308, 0.3768

Complementary

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



55.2390, 0.2621, 0.2965



51.6574, 0.3788, 0.3592

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.



55.2390, 0.3538, 0.3737



55.2390, 0.2621, 0.2965



55.2390, 0.3632, 0.3371

Square

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



55.2390, 0.2621, 0.2965



55.2390, 0.3202, 0.2961



55.2390, 0.3659, 0.3587



55.2390, 0.3036, 0.3655

Rectangle

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



55.2390, 0.2621, 0.2965



55.2390, 0.2852, 0.2842



55.2390, 0.3659, 0.3587



55.2390, 0.3393, 0.3773

Sweetspot

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



55.2412, 0.2621, 0.2965



89.9640, 0.2972, 0.3201



66.1798, 0.2937, 0.3928



18.9692, 0.2950, 0.3188



0.0000, 0.0000, 0.0000



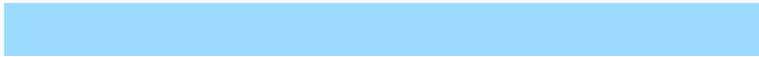
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2412, 0.2621, 0.2965



65.6872, 0.2525, 0.2889



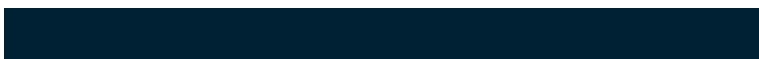
39.9927, 0.2561, 0.2486



15.4502, 0.2981, 0.3207



15.8546, 0.1921, 0.2116



1.3436, 0.1974, 0.2307

Inverse Universe

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



44.0915, 0.3398, 0.2741



50.0795, 0.3469, 0.2631



68.3764, 0.3660, 0.3983



14.5258, 0.3191, 0.3138



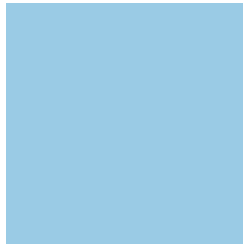
10.7982, 0.4324, 0.2156



0.8153, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 55.2390, 0.2621, 0.2965 looks on a white background.

Color Contrast Check

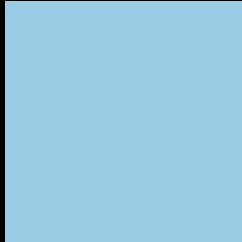
Large Text (above 18pt) WCAG AA × Fail

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 55.2390, 0.2621, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

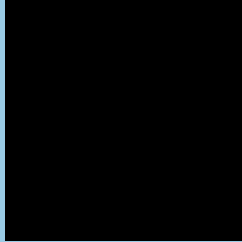
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2390, 0.2621, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 55.2390, 0.2621, 0.2965.



This preview shows how white text looks on a background with the Yxy color 55.2390, 0.2621, 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

55.2390, 0.2621, 0.2965

Protanopia

54.9877, 0.2898, 0.2946

Deuteranopia

54.9581, 0.2881, 0.2816



Tritanopia

55.0816, 0.2656, 0.3074

Trichromacy



Original Color

55.2390, 0.2621, 0.2965

Protanomaly

54.8337, 0.2794, 0.2951

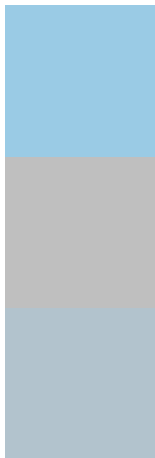
Deuteranomaly

54.6235, 0.2775, 0.2860

Tritanomaly

55.3399, 0.2645, 0.3038

Monochromacy



Original Color

55.2390, 0.2621, 0.2965

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9030, 0.2925, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2390, 0.2621, 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(154, 203, 229)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 229)  
}
```

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(154, 203, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 229) }
```

Border

The CSS property to change the border of an element to Yxy 55.2390, 0.2621, 0.2965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

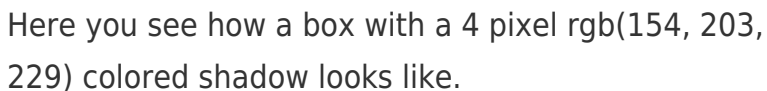
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 203, 229) }
```

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

```
.border{ border-color:rgb(154, 203, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 203, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 203, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 203, 229);  
box-shadow:4px 4px 4px 4px rgb(154, 203,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2390, 0.2621, 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(154, 203, 229) }
```

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

```
.background{ background-color: rgb(154,  
203, 229) }
```

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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