

Converting Colors

$Yxy(55.2763, 0.2657, 0.2946)$

Have a look what the booklet for
Yxy(55.2763, 0.2657, 0.2946)
contains.

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Color

Yxy(55.4753, 0.2663, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	A1CAE5
RGB	161, 202, 229
RGB Percent	63%, 79%, 90%
CMY	0.3683, 0.2079, 0.1019
CMYK	0.30, 0.12, 0.00, 0.10
HSL	204°, 57%, 76%
HSV	204°, 30%, 90%
XYZ	49.9766, 55.4753, 82.2183
YIQ	192.8190, -33.1030, -0.2950

Conversions

Conversions Part 2

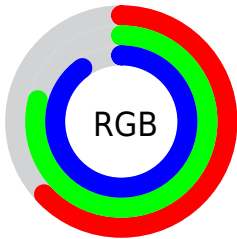
Format	Color
RYB	161, 187, 229
Decimal	10603237
CIELab	79.31, -7.27, -17.79
CIElCh	79, 19.218, 247.762
Yxy	55.4753, 0.2663, 0.2956
Android (android.graphics.Color)	4288793317 (0xFFA1CAE5)
YUV	192.8190, 17.8372, -27.9053
Hunter-Lab	74.4817, -10.5712, -13.3113

Details

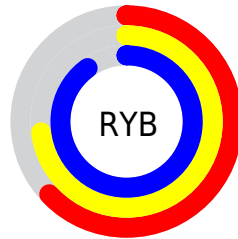
The Yxy color **55.4753, 0.2663, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.2598, 0.3699, 0.3601**, and the grayscale version is **53.1354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **27.3616, 0.2538, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **49.1585, 0.2509, 0.2822**, and if you desaturate by 10%, it is **62.4851, 0.2821, 0.3080**.

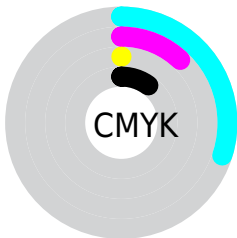
Distribution



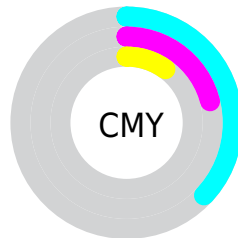
- Red (63%)
- Green (79%)
- Blue (90%)



- Red (63%)
- Yellow (73%)
- Blue (90%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (37%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4753, 0.2663, 0.2956 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 55.4753, 0.2663, 0.2956 by changing the saturation by 10% instead.

■ 55.4753, 0.2663,
0.2956

■ 55.4753, 0.2663,
0.2956

407.7111, 0.2885,
0.3119

■ 39.7824, 0.2611,
0.2917

■ 98.2370, 0.2741,
0.3014

■ 27.3689, 0.2546,
0.2867

■ 126.0746, 0.2771,
0.3037

■ 17.8505, 0.2462,
0.2802

158.7292, 0.2797,
0.3056

■ 10.8427, 0.2350,
0.2714

196.5852, 0.2819,
0.3072

■ 5.9612, 0.2196,
0.2589

240.0270, 0.2839,
0.3086

■ 2.8215, 0.1968,
0.2398

289.4390, 0.2856,

■ 1.0393, 0.1606,

0.3099

0.2080

345.2055, 0.2871,
0.3110

0.0000, 0.0000,
0.0000

55.4753, 0.2663,
0.2956

55.4753, 0.2663,
0.2956

49.1585, 0.2509,
0.2822

62.4851, 0.2821,
0.3080

43.4999, 0.2362,
0.2679

70.2075, 0.2978,
0.3192

38.4712, 0.2226,
0.2529

78.6693, 0.3132,
0.3293

34.0389, 0.2106,
0.2375

87.8938, 0.3282,
0.3384

30.1650, 0.2005,
0.2219

93.7845, 0.3288,
0.3471

■ 26.8053, 0.1926,
0.2065

■ 98.4384, 0.3280,
0.3542

■ 23.8893, 0.1866,
0.1916

■ 23.7960, 0.1864,
0.1911

Harmonies

Analogous

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



55.4753, 0.2662, 0.3136



55.4753, 0.2663, 0.2956



55.4753, 0.2782, 0.2872

Triad

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



55.4753, 0.2663, 0.2956



55.4753, 0.3482, 0.3198



55.4753, 0.3244, 0.3724

Complementary

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



55.4753, 0.2663, 0.2956



55.2598, 0.3699, 0.3601

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.



55.4753, 0.3473, 0.3724



55.4753, 0.2663, 0.2956



55.4753, 0.3616, 0.3412

Square

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



55.4753, 0.2663, 0.2956



55.4753, 0.3252, 0.3013



55.4753, 0.3612, 0.3605



55.4753, 0.2991, 0.3593

Rectangle

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



55.4753, 0.2663, 0.2956



55.4753, 0.2916, 0.2876



55.4753, 0.3612, 0.3605



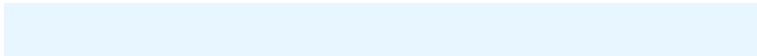
55.4753, 0.3327, 0.3739

Sweetspot

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



55.4775, 0.2663, 0.2956



90.2136, 0.2987, 0.3198



67.2310, 0.2934, 0.3814



18.9865, 0.2964, 0.3183



0.0000, 0.0000, 0.0000



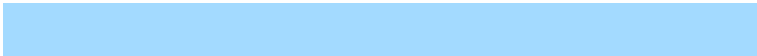
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4775, 0.2663, 0.2956



65.4094, 0.2561, 0.2869



41.6260, 0.2616, 0.2529



15.3232, 0.2981, 0.3194



13.8439, 0.1871, 0.1934



1.2034, 0.1931, 0.2153

Inverse Universe

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



46.4460, 0.3397, 0.2831



52.6115, 0.3477, 0.2726



71.0024, 0.3597, 0.3951



14.5130, 0.3199, 0.3149



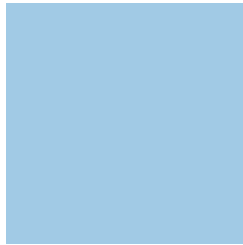
10.5953, 0.4528, 0.2268



0.8012, 0.4284, 0.2133

Previews

White Background



This preview shows how the Yxy color 55.4753, 0.2663, 0.2956 looks on a white background.

Color Contrast Check

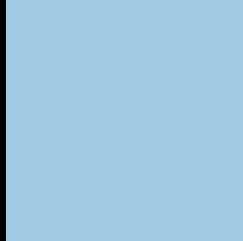
Large Text (above 18pt) WCAG AA × Fail

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 55.4753, 0.2663, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

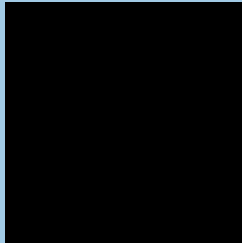
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4753, 0.2663, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 55.4753, 0.2663, 0.2956.



This preview shows how white text looks on a background with the Yxy color 55.4753, 0.2663, 0.2956.

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

55.4753, 0.2663, 0.2956

Protanopia

55.0418, 0.2891, 0.2935

Deuteranopia

55.0369, 0.2895, 0.2828



Tritanopia

55.7240, 0.2705, 0.3088

Trichromacy



Original Color

55.4753, 0.2663, 0.2956

Protanomaly

55.1268, 0.2801, 0.2941

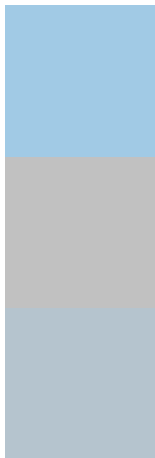
Deuteranomaly

55.0577, 0.2809, 0.2875

Tritanomaly

55.5132, 0.2693, 0.3040

Monochromacy



Original Color

55.4753, 0.2663, 0.2956

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.7598, 0.2940, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4753, 0.2663, 0.2956 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(161, 202, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 202, 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(161, 202, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 202, 229) }
```

Border

The CSS property to change the border of an element to Yxy 55.4753, 0.2663, 0.2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

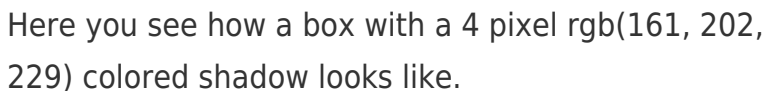
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 202, 229) }
```

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

```
.border{ border-color:rgb(161, 202, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 202, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 202, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 202, 229); box-shadow:4px 4px 4px 4px rgb(161, 202, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4753, 0.2663, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 202, 229) }
```

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

```
.background{ background-color: rgb(161,  
202, 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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