

Converting Colors

$Yxy(55.1843, 0.2705, 0.2978)$

Have a look what the booklet for
Yxy(55.1843, 0.2705, 0.2978)
contains.

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Color

Yxy(55.2636, 0.2704, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	A5C9E2
RGB	165, 201, 226
RGB Percent	65%, 79%, 89%
CMY	0.3531, 0.2117, 0.1136
CMYK	0.27, 0.11, 0.00, 0.11
HSL	205°, 51%, 77%
HSV	205°, 27%, 89%
XYZ	50.1284, 55.2636, 79.9941
YIQ	193.0860, -29.4810, 0.1430

Conversions

Conversions Part 2

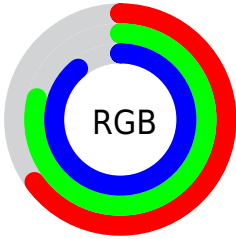
Format	Color
R _Y B	165, 188, 226
Decimal	10865122
CIE Lab	79.19, -6.34, -16.34
CIE LCh	79, 17.528, 248.790
Yxy	55.2636, 0.2704, 0.2981
Android (android.graphics.Color)	4289055202 (0xFFA5C9E2)
YUV	193.0860, 16.2266, -24.6314
Hunter-Lab	74.3395, -9.7285, -11.7622

Details

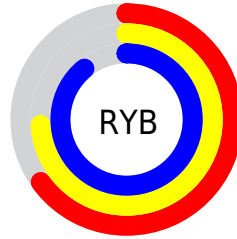
The Yxy color **55.2636, 0.2704, 0.2981** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.7085, 0.3635, 0.3579**, and the grayscale version is **53.2958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **27.2525, 0.2597, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **48.8644, 0.2548, 0.2846**, and if you desaturate by 10%, it is **62.3558, 0.2862, 0.3105**.

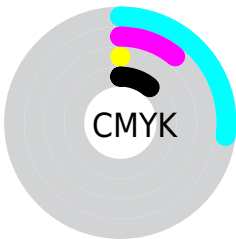
Distribution



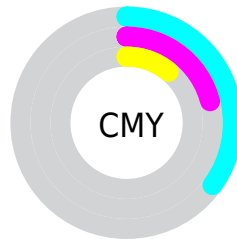
- Red (65%)
- Green (79%)
- Blue (89%)



- Red (65%)
- Yellow (74%)
- Blue (89%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (35%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2636, 0.2704, 0.2981 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 55.2636, 0.2704, 0.2981 by changing the saturation by 10% instead.

■ 55.2636, 0.2704,
0.2981

■ 55.2636, 0.2704,
0.2981

406.9104, 0.2907,
0.3132

■ 39.6128, 0.2656,
0.2944

■ 97.9271, 0.2776,
0.3035

■ 27.2368, 0.2596,
0.2898

■ 125.7085, 0.2803,
0.3056

■ 17.7511, 0.2519,
0.2838

158.3023, 0.2827,
0.3073

■ 10.7715, 0.2416,
0.2756

196.0929, 0.2847,
0.3088

■ 5.9134, 0.2272,
0.2640

239.4646, 0.2865,
0.3101

■ 2.7925, 0.2058,
0.2461

288.8018, 0.2880,

■ 1.0244, 0.1713,

0.3113

0.2159

344.4889, 0.2894,
0.3123

0.0000, 0.0000,
0.0000

55.2636, 0.2704,
0.2981

55.2636, 0.2704,
0.2981

48.8644, 0.2548,
0.2846

62.3558, 0.2862,
0.3105

43.1245, 0.2397,
0.2701

70.1597, 0.3019,
0.3218

38.0169, 0.2256,
0.2548

78.7014, 0.3172,
0.3319

33.5093, 0.2130,
0.2389

87.9317, 0.3317,
0.3409

29.5661, 0.2022,
0.2229

93.4653, 0.3306,
0.3499

■ 26.1458, 0.1935,
0.2070

■ 98.2724, 0.3297,
0.3571

■ 23.1962, 0.1870,
0.1916

■ 22.3824, 0.1853,
0.1870

Harmonies

Analogous

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



55.2636, 0.2699, 0.3144



55.2636, 0.2704, 0.2981



55.2636, 0.2817, 0.2907

Triad

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



55.2636, 0.2704, 0.2981



55.2636, 0.3457, 0.3213



55.2636, 0.3227, 0.3683

Complementary

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



55.2636, 0.2704, 0.2981



55.7085, 0.3635, 0.3579

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.



55.2636, 0.3438, 0.3688



55.2636, 0.2704, 0.2981



55.2636, 0.3575, 0.3409

Square

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



55.2636, 0.2704, 0.2981



55.2636, 0.3249, 0.3041



55.2636, 0.3567, 0.3584



55.2636, 0.2995, 0.3560

Rectangle

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



55.2636, 0.2704, 0.2981



55.2636, 0.2942, 0.2912



55.2636, 0.3567, 0.3584



55.2636, 0.3303, 0.3698

Sweetspot

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



55.2658, 0.2704, 0.2981



91.1168, 0.3003, 0.3207



66.0938, 0.2944, 0.3746



19.1603, 0.2979, 0.3190



0.0000, 0.0000, 0.0000



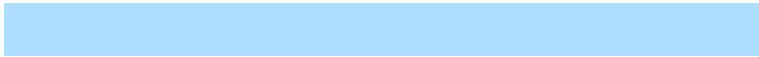
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2658, 0.2704, 0.2981



68.1627, 0.2622, 0.2912



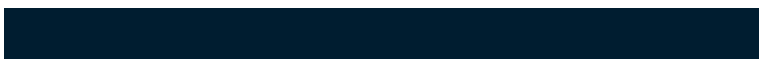
42.6418, 0.2666, 0.2595



14.5814, 0.2981, 0.3192



13.0051, 0.1860, 0.1894



1.0763, 0.1925, 0.2131

Inverse Universe

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



47.2890, 0.3373, 0.2881



56.5515, 0.3435, 0.2800



70.0328, 0.3550, 0.3901



13.8356, 0.3200, 0.3153



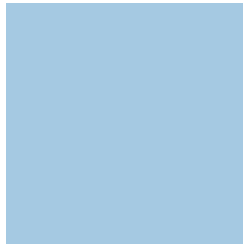
10.2209, 0.4574, 0.2294



0.7261, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 55.2636, 0.2704, 0.2981 looks on a white background.

Color Contrast Check

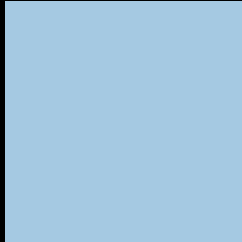
Large Text (above 18pt) WCAG AA × Fail

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 55.2636, 0.2704, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

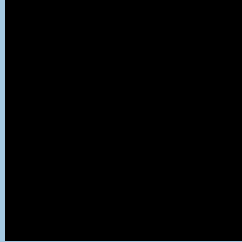
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

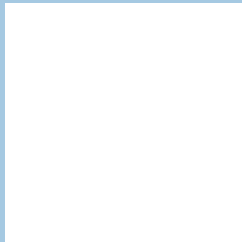
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2636, 0.2704, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 55.2636, 0.2704, 0.2981.



This preview shows how white text looks on a background with the Yxy color 55.2636, 0.2704, 0.2981.

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

55.2636, 0.2704, 0.2981

Protanopia

54.9339, 0.2905, 0.2957

Deuteranopia

55.0052, 0.2923, 0.2861



Tritanopia

55.0895, 0.2741, 0.3089

Trichromacy



Original Color

55.2636, 0.2704, 0.2981

Protanomaly

55.2053, 0.2835, 0.2976

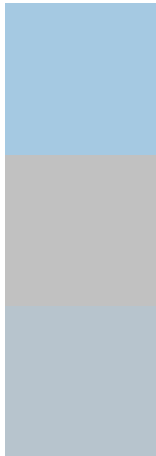
Deuteranomaly

55.1411, 0.2843, 0.2910

Tritanomaly

55.3540, 0.2729, 0.3053

Monochromacy



Original Color

55.2636, 0.2704, 0.2981

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9549, 0.2962, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2636, 0.2704, 0.2981 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(165, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 226)  
}
```

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(165, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 226) }
```

Border

The CSS property to change the border of an element to Yxy 55.2636, 0.2704, 0.2981 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(165, 201, 226) }
```

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

```
.border{ border-color:rgb(165, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(165, 201,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2636, 0.2704, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 226) }
```

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

```
.background{ background-color: rgb(165,  
201, 226) }
```

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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