

Converting Colors

$Yxy(57.7566, 0.2662, 0.2989)$

Have a look what the booklet for
Yxy(57.7566, 0.2662, 0.2989)
contains.

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Color

Yxy(57.5935, 0.2663, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	A2CEE7
RGB	162, 206, 231
RGB Percent	64%, 81%, 91%
CMY	0.3647, 0.1922, 0.0941
CMYK	0.30, 0.11, 0.00, 0.09
HSL	202°, 59%, 77%
HSV	202°, 30%, 91%
XYZ	51.3980, 57.5935, 84.0163
YIQ	195.6940, -34.2490, -1.5530

Conversions

Conversions Part 2

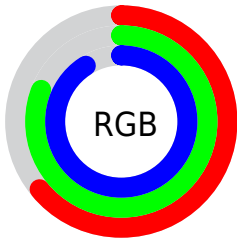
Format	Color
R _Y B	162, 189, 231
Decimal	10669799
CIE Lab	80.51, -8.65, -17.04
CIE LCh	81, 19.109, 243.097
Yxy	57.5935, 0.2663, 0.2984
Android (android.graphics.Color)	4288859879 (0xFFA2CEE7)
YUV	195.6940, 17.4059, -29.5496
Hunter-Lab	75.8904, -11.9162, -12.5151

Details

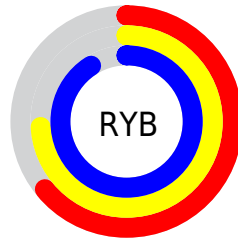
The Yxy color **57.5935, 0.2663, 0.2984** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.1504, 0.3713, 0.3576**, and the grayscale version is **54.9211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **28.7398, 0.2549, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **51.4694, 0.2512, 0.2863**, and if you desaturate by 10%, it is **64.3814, 0.2818, 0.3096**.

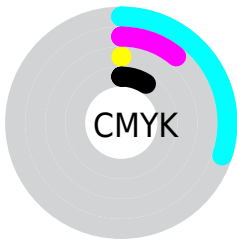
Distribution



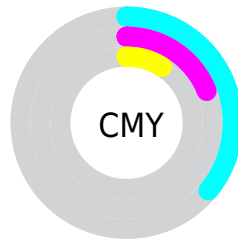
- Red (64%)
- Green (81%)
- Blue (91%)



- Red (64%)
- Yellow (74%)
- Blue (91%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5935, 0.2663, 0.2984 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 57.5935, 0.2663, 0.2984 by changing the saturation by 10% instead.

■ 57.5935, 0.2663,
0.2984

■ 57.5935, 0.2663,
0.2984

■ 415.6695, 0.2883,
0.3133

■ 41.4819, 0.2612,
0.2948

■ 101.3307, 0.2740,
0.3037

■ 28.6959, 0.2547,
0.2903

■ 129.7251, 0.2770,
0.3058

■ 18.8509, 0.2465,
0.2843

■ 162.9825, 0.2796,
0.3075

■ 11.5626, 0.2357,
0.2763

■ 201.4874, 0.2818,
0.3090

■ 6.4466, 0.2207,
0.2650

■ 245.6242, 0.2837,
0.3103

■ 3.1185, 0.1988,
0.2478

■ 295.7772, 0.2854,

■ 1.1939, 0.1643,

0.3114

0.2189

352.3308, 0.2870,
0.3124

0.0567, 0.0000,
0.0423

0.0000, 0.0000,
0.0000

57.5935, 0.2663,
0.2984

57.5935, 0.2663,
0.2984

51.4694, 0.2512,
0.2863

64.3814, 0.2818,
0.3096

45.9744, 0.2369,
0.2733

71.8520, 0.2975,
0.3199

41.0810, 0.2239,
0.2597

80.0317, 0.3129,
0.3291

36.7557, 0.2124,
0.2458

88.9432, 0.3280,
0.3374

■ 32.9611, 0.2029,
0.2317

■ 94.0844, 0.3275,
0.3455

■ 29.6531, 0.1955,
0.2177

■ 98.5501, 0.3268,
0.3522

■ 26.7595, 0.1900,
0.2040

■ 26.7230, 0.1900,
0.2039

Harmonies

Analogous

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



57.5935, 0.2681, 0.3173



57.5935, 0.2663, 0.2984



57.5935, 0.2763, 0.2886

Triad

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



57.5935, 0.2663, 0.2984



57.5935, 0.3445, 0.3169



57.5935, 0.3281, 0.3725

Complementary

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



57.5935, 0.2663, 0.2984



55.1504, 0.3713, 0.3576

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.



57.5935, 0.3495, 0.3705



57.5935, 0.2663, 0.2984



57.5935, 0.3595, 0.3377

Square

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



57.5935, 0.2663, 0.2984



57.5935, 0.3210, 0.2994



57.5935, 0.3613, 0.3574



57.5935, 0.3031, 0.3615

Rectangle

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



57.5935, 0.2663, 0.2984



57.5935, 0.2886, 0.2878



57.5935, 0.3613, 0.3574



57.5935, 0.3360, 0.3733

Sweetspot

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



57.5958, 0.2663, 0.2984



90.7108, 0.2987, 0.3207



68.3928, 0.2946, 0.3848



19.1092, 0.2965, 0.3192



0.0000, 0.0000, 0.0000



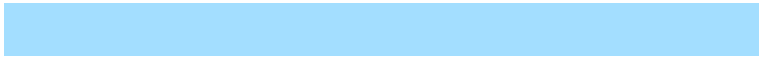
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5958, 0.2663, 0.2984



67.1239, 0.2567, 0.2908



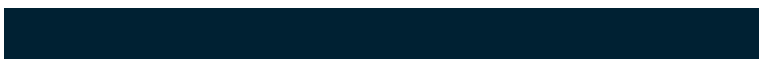
43.0961, 0.2615, 0.2552



15.4116, 0.2981, 0.3203



15.2235, 0.1906, 0.2060



1.2999, 0.1961, 0.2260

Inverse Universe

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



47.2922, 0.3377, 0.2801



52.7846, 0.3448, 0.2695



71.1341, 0.3608, 0.3933



14.5219, 0.3193, 0.3141



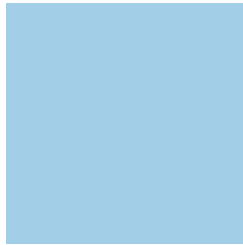
10.7345, 0.4385, 0.2189



0.8109, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 57.5935, 0.2663, 0.2984 looks on a white background.

Color Contrast Check

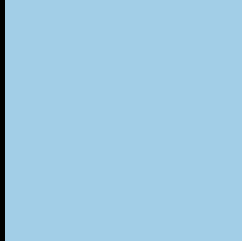
Large Text (above 18pt) WCAG AA × Fail

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 57.5935, 0.2663, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

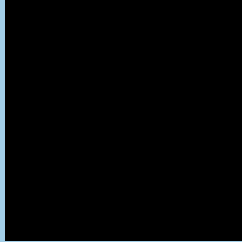
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5935, 0.2663, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 57.5935, 0.2663, 0.2984.



This preview shows how white text looks on a background with the Yxy color 57.5935, 0.2663, 0.2984.

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

57.5935, 0.2663, 0.2984

Protanopia

57.4813, 0.2909, 0.2963

Deuteranopia

57.0233, 0.2912, 0.2845



Tritanopia

57.4810, 0.2692, 0.3079

Trichromacy



Original Color

57.5935, 0.2663, 0.2984

Protanomaly

57.4420, 0.2813, 0.2969

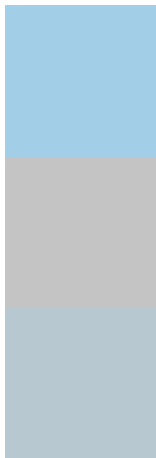
Deuteranomaly

56.7792, 0.2813, 0.2891

Tritanomaly

57.7488, 0.2681, 0.3043

Monochromacy



Original Color

57.5935, 0.2663, 0.2984

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1023, 0.2943, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5935, 0.2663, 0.2984 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(162, 206, 231)` looks like.

```
.text, #text, p{  
    color:rgb(162, 206, 231)  
}
```

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(162, 206, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 206, 231) }
```

Border

The CSS property to change the border of an element to Yxy 57.5935, 0.2663, 0.2984 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(162, 206, 231) }
```

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

```
.border{ border-color:rgb(162, 206, 231) }
```

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

Here you see how a box with a 4 pixel rgb(162, 206, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 206, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 206, 231);  
box-shadow:4px 4px 4px 4px rgb(162, 206,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5935, 0.2663, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 206, 231) }
```

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

```
.background{ background-color: rgb(162,  
206, 231) }
```

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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