

Converting Colors

$Yxy(58.1446, 0.2654, 0.2952)$

Have a look what the booklet for
Yxy(58.1446, 0.2654, 0.2952)
contains.

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Color

Yxy(57.8697, 0.2652, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	A3CEEA
RGB	163, 206, 234
RGB Percent	64%, 81%, 92%
CMY	0.3609, 0.1921, 0.0823
CMYK	0.30, 0.12, 0.00, 0.08
HSL	204°, 63%, 78%
HSV	204°, 30%, 92%
XYZ	52.0239, 57.8697, 86.2749
YIQ	196.3350, -34.6160, -0.4080

Conversions

Conversions Part 2

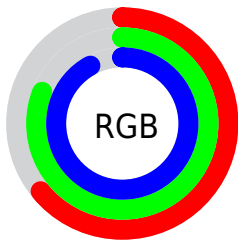
Format	Color
RYB	163, 190, 234
Decimal	10735338
CIELab	80.67, -7.66, -18.40
CIElCh	81, 19.937, 247.393
Yxy	57.8697, 0.2652, 0.2950
Android (android.graphics.Color)	4288925418 (0xFFA3CEEA)
YUV	196.3350, 18.5688, -29.2348
Hunter-Lab	76.0721, -11.0544, -13.9915

Details

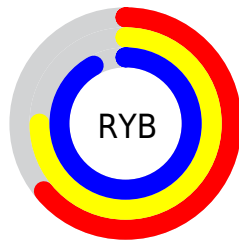
The Yxy color **57.8697, 0.2652, 0.2950** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.3893, 0.3718, 0.3606**, and the grayscale version is **55.3144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **28.9220, 0.2536, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **51.3144, 0.2498, 0.2817**, and if you desaturate by 10%, it is **65.1473, 0.2809, 0.3073**.

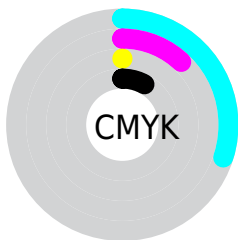
Distribution



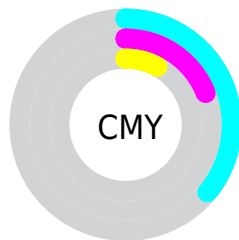
- Red (64%)
- Green (81%)
- Blue (92%)



- Red (64%)
- Yellow (75%)
- Blue (92%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8697, 0.2652, 0.2950 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 57.8697, 0.2652, 0.2950 by changing the saturation by 10% instead.

■ 57.8697, 0.2652,
0.2950

■ 57.8697, 0.2652,
0.2950

■ 416.7002, 0.2877,
0.3115

■ 41.7039, 0.2599,
0.2910

■ 101.7331, 0.2731,
0.3009

■ 28.8695, 0.2534,
0.2861

■ 130.1995, 0.2761,
0.3031

■ 18.9821, 0.2451,
0.2796

■ 163.5348, 0.2788,
0.3050

■ 11.6574, 0.2340,
0.2709

■ 202.1236, 0.2810,
0.3067

■ 6.5108, 0.2188,
0.2587

■ 246.3501, 0.2830,
0.3081

■ 3.1581, 0.1967,
0.2402

■ 296.5988, 0.2848,

■ 1.2148, 0.1623,

0.3094

0.2100

353.2540, 0.2863,
0.3105

0.0738, 0.0000,
0.0492

0.0000, 0.0000,
0.0000

57.8697, 0.2652,
0.2950

57.8697, 0.2652,
0.2950

51.3144, 0.2498,
0.2817

65.1473, 0.2809,
0.3073

45.4447, 0.2352,
0.2674

73.1679, 0.2967,
0.3185

40.2308, 0.2218,
0.2525

81.9598, 0.3122,
0.3287

35.6372, 0.2099,
0.2372

91.2461, 0.3261,
0.3377

■ 31.6235, 0.2001,
0.2218

■ 96.9040, 0.3253,
0.3466

■ 28.1427, 0.1924,
0.2066

■ 98.7210, 0.3250,
0.3493

■ 25.2167, 0.1868,
0.1923

Harmonies

Analogous

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



57.8697, 0.2653, 0.3135



57.8697, 0.2652, 0.2950



57.8697, 0.2772, 0.2863

Triad

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



57.8697, 0.2652, 0.2950



57.8697, 0.3488, 0.3193



57.8697, 0.3250, 0.3736

Complementary

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



57.8697, 0.2652, 0.2950



57.3893, 0.3718, 0.3606

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.



57.8697, 0.3483, 0.3733



57.8697, 0.2652, 0.2950



57.8697, 0.3626, 0.3411

Square

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



57.8697, 0.2652, 0.2950



57.8697, 0.3251, 0.3005



57.8697, 0.3624, 0.3610



57.8697, 0.2991, 0.3603

Rectangle

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



57.8697, 0.2652, 0.2950



57.8697, 0.2908, 0.2867



57.8697, 0.3624, 0.3610



57.8697, 0.3334, 0.3750

Sweetspot

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



57.8720, 0.2652, 0.2950



90.2673, 0.2987, 0.3199



70.3612, 0.2930, 0.3829



18.9997, 0.2965, 0.3184



0.0000, 0.0000, 0.0000



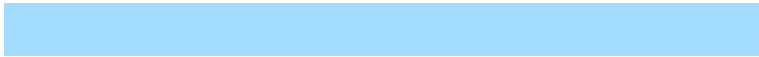
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8720, 0.2652, 0.2950



65.5932, 0.2562, 0.2874



42.9514, 0.2602, 0.2507



16.0674, 0.2981, 0.3195



14.4215, 0.1874, 0.1946



1.3191, 0.1931, 0.2152

Inverse Universe

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



48.1372, 0.3403, 0.2816



52.6301, 0.3474, 0.2723



74.3785, 0.3609, 0.3967



15.2074, 0.3198, 0.3148



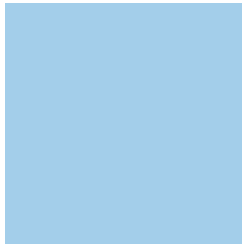
10.9487, 0.4514, 0.2260



0.8786, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 57.8697, 0.2652, 0.2950 looks on a white background.

Color Contrast Check

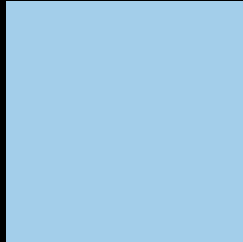
Large Text (above 18pt) WCAG AA × Fail

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 57.8697, 0.2652, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

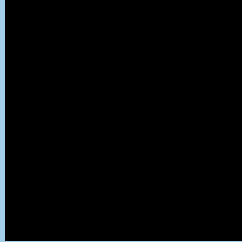
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8697, 0.2652, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 57.8697, 0.2652, 0.2950.



This preview shows how white text looks on a background with the Yxy color 57.8697, 0.2652, 0.2950.

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

57.8697, 0.2652, 0.2950

Protanopia

57.5146, 0.2882, 0.2929

Deuteranopia

57.5038, 0.2885, 0.2824



Tritanopia

58.0706, 0.2700, 0.3092

Trichromacy



Original Color

57.8697, 0.2652, 0.2950

Protanomaly

57.6101, 0.2794, 0.2935

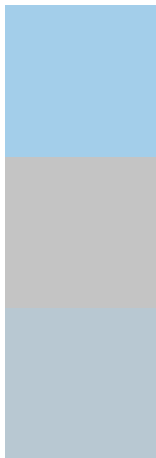
Deuteranomaly

57.4098, 0.2795, 0.2870

Tritanomaly

57.9085, 0.2681, 0.3032

Monochromacy



Original Color

57.8697, 0.2652, 0.2950

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.1520, 0.2936, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8697, 0.2652, 0.2950 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(163, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(163, 206, 234)  
}
```

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(163, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 206, 234) }
```

Border

The CSS property to change the border of an element to Yxy 57.8697, 0.2652, 0.2950 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(163, 206, 234) }
```

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

```
.border{ border-color:rgb(163, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(163, 206,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8697, 0.2652, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 206, 234) }
```

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

```
.background{ background-color: rgb(163,  
206, 234) }
```

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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