

Converting Colors

$Yxy(57.2426, 0.2657, 0.2857)$

Have a look what the booklet for
Yxy(57.2426, 0.2657, 0.2857)
contains.

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Color

Yxy(57.3789, 0.2657, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	A9CBEF
RGB	169, 203, 239
RGB Percent	66%, 80%, 94%
CMY	0.3371, 0.2039, 0.0627
CMYK	0.29, 0.15, 0.00, 0.06
HSL	211°, 69%, 80%
HSV	211°, 29%, 94%
XYZ	53.3062, 57.3789, 89.9404
YIQ	196.9380, -31.8200, 3.9880

Conversions

Conversions Part 2

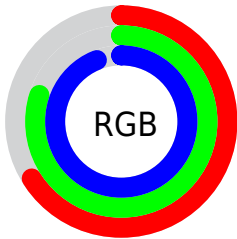
Format	Color
R_{YB}	169, 192, 239
Decimal	11127791
CIE _{Lab}	80.39, -3.15, -21.46
CIE _{LCh}	80, 21.692, 261.652
Yxy	57.3789, 0.2657, 0.2860
Android (android.graphics.Color)	4289317871 (0xFFA9CBEF)
YUV	196.9380, 20.7366, -24.5016
Hunter-Lab	75.7489, -6.9460, -17.3738

Details

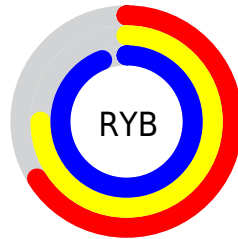
The Yxy color **57.3789, 0.2657, 0.2860** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9147, 0.3667, 0.3684**, and the grayscale version is **55.6882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **28.5586, 0.2539, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **49.3911, 0.2491, 0.2684**, and if you desaturate by 10%, it is **66.3158, 0.2822, 0.3022**.

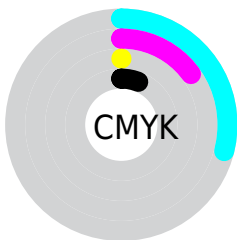
Distribution



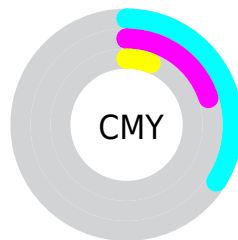
- Red (66%)
- Green (80%)
- Blue (94%)



- Red (66%)
- Yellow (75%)
- Blue (94%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3789, 0.2657, 0.2860 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 57.3789, 0.2657, 0.2860 by changing the saturation by 10% instead.

■ 57.3789, 0.2657,
0.2860

■ 57.3789, 0.2657,
0.2860

■ 414.8676, 0.2880,
0.3066

■ 41.3095, 0.2605,
0.2811

■ 101.0178, 0.2735,
0.2933

■ 28.5610, 0.2540,
0.2750

■ 129.3562, 0.2766,
0.2961

■ 18.7490, 0.2457,
0.2672

■ 162.5530, 0.2792,
0.2985

■ 11.4890, 0.2347,
0.2568

■ 200.9927, 0.2814,
0.3006

■ 6.3968, 0.2196,
0.2423

■ 245.0595, 0.2834,
0.3024

■ 3.0878, 0.1976,
0.2209

■ 295.1381, 0.2851,

■ 1.1778, 0.1635,

0.3040

0.1871

351.6126, 0.2867,
0.3054

0.0434, 0.0000,
0.0253

0.0000, 0.0000,
0.0000

57.3789, 0.2657,
0.2860

57.3789, 0.2657,
0.2860

49.3911, 0.2491,
0.2684

66.3158, 0.2822,
0.3022

42.3085, 0.2329,
0.2495

76.2297, 0.2983,
0.3168

36.0936, 0.2176,
0.2297

87.1555, 0.3138,
0.3299

30.7027, 0.2038,
0.2094

97.2480, 0.3223,
0.3417

■ 26.0872, 0.1920,
0.1892

■ 99.0131, 0.3220,
0.3444

■ 22.1912, 0.1826,
0.1697

■ 18.9336, 0.1755,
0.1514

■ 18.7164, 0.1750,
0.1501

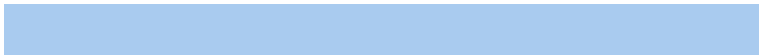
Harmonies

Analogous

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



57.3789, 0.2594, 0.3012



57.3789, 0.2657, 0.2860



57.3789, 0.2842, 0.2824

Triad

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



57.3789, 0.2657, 0.2860



57.3789, 0.3611, 0.3295



57.3789, 0.3124, 0.3726

Complementary

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



57.3789, 0.2657, 0.2860



64.9147, 0.3667, 0.3684

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.



57.3789, 0.3402, 0.3795



57.3789, 0.2657, 0.2860



57.3789, 0.3691, 0.3529

Square

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



57.3789, 0.2657, 0.2860



57.3789, 0.3394, 0.3070



57.3789, 0.3612, 0.3716



57.3789, 0.2856, 0.3523

Rectangle

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



57.3789, 0.2657, 0.2860



57.3789, 0.3015, 0.2863



57.3789, 0.3612, 0.3716



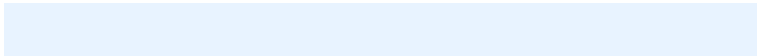
57.3789, 0.3220, 0.3766

Sweetspot

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



57.3812, 0.2657, 0.2860



88.5961, 0.2987, 0.3171



74.5445, 0.2891, 0.3706



18.5880, 0.2964, 0.3151



0.0000, 0.0000, 0.0000



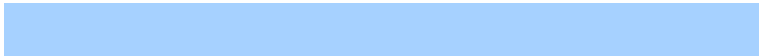
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3812, 0.2657, 0.2860



60.9267, 0.2560, 0.2759



43.0639, 0.2611, 0.2436



16.4947, 0.2980, 0.3165



10.6019, 0.1758, 0.1529



1.0804, 0.1826, 0.1772

Inverse Universe

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



51.0567, 0.3466, 0.2921



53.0477, 0.3558, 0.2845



82.9639, 0.3570, 0.4022



15.8866, 0.3217, 0.3176



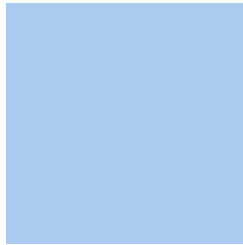
10.8636, 0.5021, 0.2540



0.9238, 0.4719, 0.2373

Previews

White Background



This preview shows how the Yxy color 57.3789, 0.2657, 0.2860 looks on a white background.

Color Contrast Check

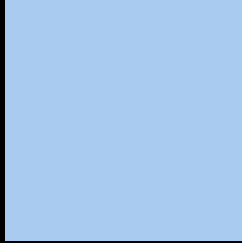
Large Text (above 18pt) WCAG AA × Fail

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 57.3789, 0.2657, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

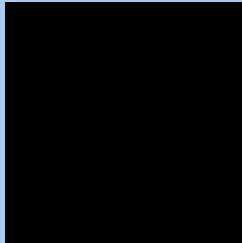
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

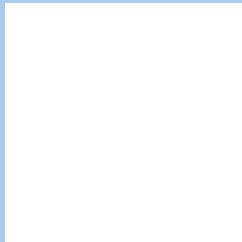
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3789, 0.2657, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 57.3789, 0.2657, 0.2860.



This preview shows how white text looks on a background with the Yxy color 57.3789, 0.2657, 0.2860.

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

57.3789, 0.2657, 0.2860

Protanopia

57.0070, 0.2821, 0.2849

Deuteranopia

57.3869, 0.2831, 0.2769



Tritanopia

57.4159, 0.2734, 0.3092

Trichromacy



Original Color

57.3789, 0.2657, 0.2860

Protanomaly

56.9703, 0.2761, 0.2855

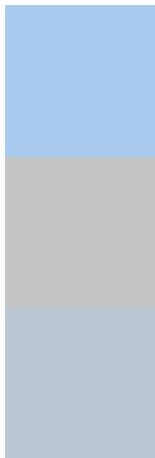
Deuteranomaly

57.2442, 0.2763, 0.2804

Tritanomaly

57.3711, 0.2704, 0.3009

Monochromacy



Original Color

57.3789, 0.2657, 0.2860

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1651, 0.2945, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3789, 0.2657, 0.2860 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(169, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(169, 203, 239)  
}
```

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(169, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 203, 239) }
```

Border

The CSS property to change the border of an element to Yxy 57.3789, 0.2657, 0.2860 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(169, 203, 239) }
```

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

```
.border{ border-color:rgb(169, 203, 239) }
```

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

Here you see how a box with a 4 pixel rgb(169, 203, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(169, 203,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3789, 0.2657, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 203, 239) }
```

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

```
.background{ background-color: rgb(169,  
203, 239) }
```

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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