

Converting Colors

$Y_{xy}(57.2721, 0.2731, 0.2934)$

Have a look what the booklet for
Yxy(57.2721, 0.2731, 0.2934)
contains.

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Color

Yxy(57.0659, 0.2728, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	AECAE8
RGB	174, 202, 232
RGB Percent	68%, 79%, 91%
CMY	0.3179, 0.2078, 0.0901
CMYK	0.25, 0.13, 0.00, 0.09
HSL	211°, 56%, 80%
HSV	211°, 25%, 91%
XYZ	53.1317, 57.0659, 84.5666
YIQ	197.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

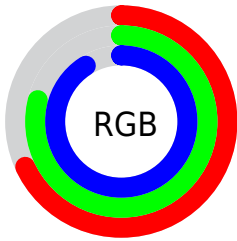
Format	Color
RYB	174, 193, 232
Decimal	11455208
CIELab	80.22, -2.84, -17.95
CIELCh	80, 18.174, 261.001
Yxy	57.0659, 0.2728, 0.2930
Android (android.graphics.Color)	4289645288 (0xFFAECAE8)
YUV	197.0480, 17.2313, -20.2131
Hunter-Lab	75.5420, -6.6523, -13.4937

Details

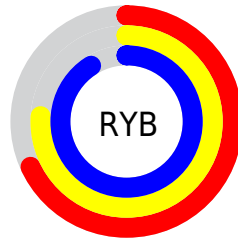
The Yxy color **57.0659, 0.2728, 0.2930** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3631, 0.3575, 0.3625**, and the grayscale version is **55.7663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **28.3075, 0.2627, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **49.2238, 0.2562, 0.2760**, and if you desaturate by 10%, it is **65.8094, 0.2892, 0.3085**.

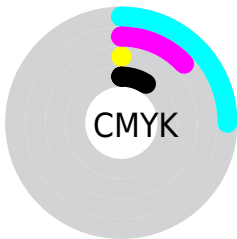
Distribution



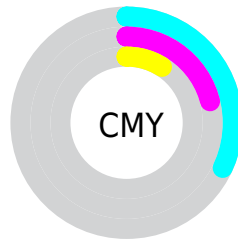
- Red (68%)
- Green (79%)
- Blue (91%)



- Red (68%)
- Yellow (76%)
- Blue (91%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0659, 0.2728, 0.2930 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 57.0659, 0.2728, 0.2930 by changing the saturation by 10% instead.

■ 57.0659, 0.2728,
0.2930

■ 57.0659, 0.2728,
0.2930

■ 413.6962, 0.2918,
0.3103

■ 41.0582, 0.2683,
0.2889

■ 100.5613, 0.2795,
0.2991

■ 28.3645, 0.2627,
0.2837

■ 128.8178, 0.2821,
0.3015

■ 18.6006, 0.2555,
0.2770

■ 161.9260, 0.2843,
0.3035

■ 11.3821, 0.2459,
0.2681

■ 200.2703, 0.2862,
0.3052

■ 6.3244, 0.2326,
0.2555

■ 244.2350, 0.2879,
0.3068

■ 3.0433, 0.2130,
0.2368

■ 294.2047, 0.2894,

■ 1.1544, 0.1816,

0.3081

0.2062

350.5636, 0.2907,
0.3093

0.0240, 0.0000,
0.0179

0.0000, 0.0000,
0.0000

57.0659, 0.2728,
0.2930

57.0659, 0.2728,
0.2930

49.2238, 0.2562,
0.2760

65.8094, 0.2892,
0.3085

42.2427, 0.2398,
0.2576

75.4789, 0.3050,
0.3225

36.0889, 0.2241,
0.2381

86.1064, 0.3201,
0.3350

30.7233, 0.2095,
0.2179

95.4253, 0.3267,
0.3465

■ 26.1028, 0.1968,
0.1976

■ 98.6069, 0.3262,
0.3512

■ 22.1786, 0.1862,
0.1777

■ 18.8928, 0.1782,
0.1588

■ 17.4577, 0.1750,
0.1499

Harmonies

Analogous

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



57.0659, 0.2677, 0.3063



57.0659, 0.2728, 0.2930



57.0659, 0.2883, 0.2895

Triad

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



57.0659, 0.2728, 0.2930



57.0659, 0.3529, 0.3292



57.0659, 0.3132, 0.3656

Complementary

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



57.0659, 0.2728, 0.2930



63.3631, 0.3575, 0.3625

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.



57.0659, 0.3364, 0.3712



57.0659, 0.2728, 0.2930



57.0659, 0.3600, 0.3490

Square

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



57.0659, 0.2728, 0.2930



57.0659, 0.3347, 0.3101



57.0659, 0.3538, 0.3646



57.0659, 0.2904, 0.3489

Rectangle

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



57.0659, 0.2728, 0.2930



57.0659, 0.3029, 0.2927



57.0659, 0.3538, 0.3646



57.0659, 0.3212, 0.3688

Sweetspot

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



57.0682, 0.2728, 0.2930



89.7955, 0.3003, 0.3185



71.0219, 0.2923, 0.3637



18.8275, 0.2979, 0.3164



0.0000, 0.0000, 0.0000



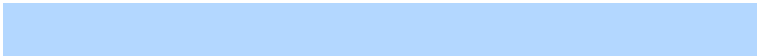
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0682, 0.2728, 0.2930



65.5963, 0.2643, 0.2845



45.0653, 0.2697, 0.2579



15.0316, 0.2981, 0.3165



9.9406, 0.1758, 0.1527



0.9199, 0.1833, 0.1797

Inverse Universe

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



51.6702, 0.3405, 0.2978



58.2318, 0.3479, 0.2911



77.9315, 0.3505, 0.3915



14.4835, 0.3217, 0.3177



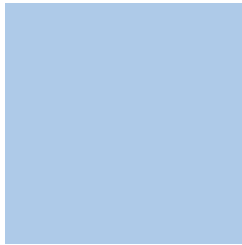
10.2012, 0.5024, 0.2541



0.7725, 0.4688, 0.2356

Previews

White Background



This preview shows how the Yxy color 57.0659, 0.2728, 0.2930 looks on a white background.

Color Contrast Check

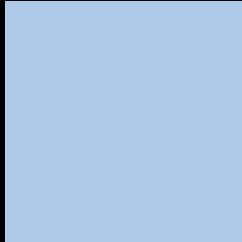
Large Text (above 18pt) WCAG AA × Fail

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 57.0659, 0.2728, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

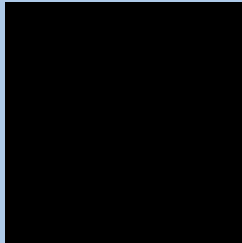
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

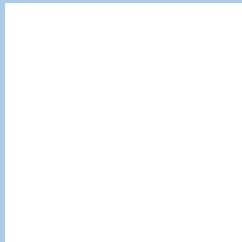
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0659, 0.2728, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 57.0659, 0.2728, 0.2930.



This preview shows how white text looks on a background with the Yxy color 57.0659, 0.2728, 0.2930.

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

57.0659, 0.2728, 0.2930

Protanopia

56.9271, 0.2874, 0.2917

Deuteranopia

56.9416, 0.2898, 0.2834



Tritanopia

57.1237, 0.2790, 0.3093

Trichromacy



Original Color

57.0659, 0.2728, 0.2930

Protanomaly

56.9991, 0.2819, 0.2924

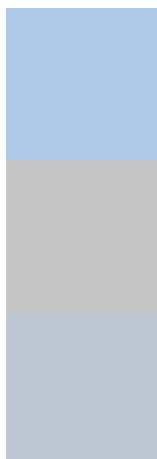
Deuteranomaly

56.8921, 0.2834, 0.2871

Tritanomaly

56.9779, 0.2771, 0.3034

Monochromacy



Original Color

57.0659, 0.2728, 0.2930

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3188, 0.2973, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0659, 0.2728, 0.2930 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(174, 202, 232)` looks like.

```
.text, #text, p{  
    color:rgb(174, 202, 232)  
}
```

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(174, 202, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 202, 232) }
```

Border

The CSS property to change the border of an element to Yxy 57.0659, 0.2728, 0.2930 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(174, 202, 232) }
```

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

```
.border{ border-color:rgb(174, 202, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 202, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 202, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 202, 232); box-shadow:4px 4px 4px 4px rgb(174, 202, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0659, 0.2728, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 202, 232) }
```

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

```
.background{ background-color: rgb(174,  
202, 232) }
```

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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