

Converting Colors

$Y_{xy}(57.8775, 0.2590, 0.2669)$

Have a look what the booklet for
Yxy(57.8775, 0.2590, 0.2669)
contains.

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Color

Yxy(57.8775, 0.2590, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	ADC9FF
RGB	173, 201, 255
RGB Percent	68%, 79%, 100%
CMY	0.3217, 0.2117, 0.0000
CMYK	0.32, 0.21, 0.00, 0.00
HSL	219°, 100%, 84%
HSV	219°, 32%, 100%
XYZ	56.1644, 57.8775, 102.8090
YIQ	198.7840, -34.0220, 10.8580

Conversions

Conversions Part 2

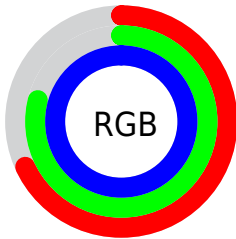
Format	Color
R_{YB}	173, 194, 255
Decimal	11389439
CIE Lab	80.67, 2.89, -29.54
CIE LCh	81, 29.677, 275.593
Yxy	57.8775, 0.2590, 0.2669
Android (android.graphics.Color)	4289579519 (0xFFADC9FF)
YUV	198.7840, 27.7145, -22.6126
Hunter-Lab	76.0773, -1.3568, -26.8690

Details

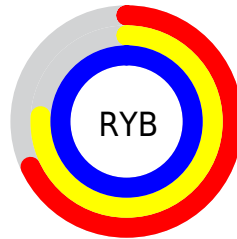
The Yxy color **57.8775, 0.2590, 0.2669** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.1878, 0.3697, 0.3840**, and the grayscale version is **56.8163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **28.7962, 0.2456, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **47.8430, 0.2409, 0.2434**, and if you desaturate by 10%, it is **69.3261, 0.2767, 0.2885**.

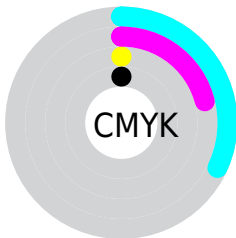
Distribution



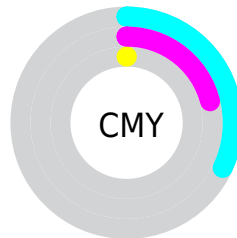
- Red (68%)
- Green (79%)
- Blue (100%)



- Red (68%)
- Yellow (76%)
- Blue (100%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8775, 0.2590, 0.2669 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 57.8775, 0.2590, 0.2669 by changing the saturation by 10% instead.

■ 57.8775, 0.2590,
0.2669

■ 57.8775, 0.2590,
0.2669

416.7293, 0.2844,
0.2961

■ 41.7102, 0.2531,
0.2602

■ 101.7445, 0.2679,
0.2771

■ 28.8744, 0.2458,
0.2519

130.2129, 0.2714,
0.2810

■ 18.9858, 0.2365,
0.2414

163.5504, 0.2743,
0.2844

■ 11.6600, 0.2243,
0.2278

202.1415, 0.2769,
0.2873

■ 6.5126, 0.2078,
0.2095

246.3706, 0.2791,
0.2899

■ 3.1592, 0.1844,
0.1837

296.6220, 0.2811,

■ 1.2154, 0.1496,

0.2922

0.1460

353.2801, 0.2829,
0.2942

0.0742, 0.0485,
0.0255

0.0000, 0.0000,
0.0000

57.8775, 0.2590,
0.2669

57.8775, 0.2590,
0.2669

47.8430, 0.2409,
0.2434

69.3261, 0.2767,
0.2885

39.1568, 0.2231,
0.2185

82.2373, 0.2936,
0.3081

31.7575, 0.2061,
0.1929

96.6655, 0.3094,
0.3255

25.5757, 0.1909,
0.1675

99.9993, 0.3127,
0.3290

■ 20.5339, 0.1782,
0.1433

■ 16.5430, 0.1685,
0.1216

■ 14.0622, 0.1630,
0.1068

Harmonies

Analogous

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



57.8775, 0.2429, 0.2795



57.8775, 0.2590, 0.2669



57.8775, 0.2896, 0.2697

Triad

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



57.8775, 0.2590, 0.2669



57.8775, 0.3868, 0.3437



57.8775, 0.2941, 0.3784

Complementary

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



57.8775, 0.2590, 0.2669



79.1878, 0.3697, 0.3840

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.



57.8775, 0.3324, 0.3971



57.8775, 0.2590, 0.2669



57.8775, 0.3873, 0.3735

Square

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



57.8775, 0.2590, 0.2669



57.8775, 0.3647, 0.3125



57.8775, 0.3669, 0.3941



57.8775, 0.2621, 0.3438

Rectangle

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



57.8775, 0.2590, 0.2669



57.8775, 0.3151, 0.2794



57.8775, 0.3669, 0.3941



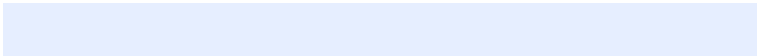
57.8775, 0.3066, 0.3869

Sweetspot

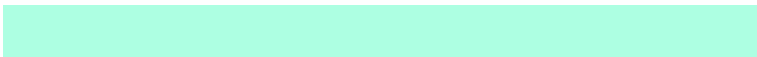
The Sweet Spot groups the original color and five complimentary colors.



57.8798, 0.2590, 0.2669



85.2357, 0.2971, 0.3120



85.9015, 0.2806, 0.3611



17.8263, 0.2948, 0.3095



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.



57.8798, 0.2590, 0.2669



50.8733, 0.2467, 0.2510



47.4469, 0.2634, 0.2355



18.3927, 0.2979, 0.3129



7.5965, 0.1638, 0.1097



0.9332, 0.1700, 0.1321

Inverse Universe

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



55.3541, 0.3616, 0.3000



48.5840, 0.3766, 0.2937



93.5286, 0.3530, 0.4120



18.0896, 0.3240, 0.3209



11.4948, 0.5615, 0.2867



1.1388, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 57.8775, 0.2590, 0.2669 looks on a white background.

Color Contrast Check

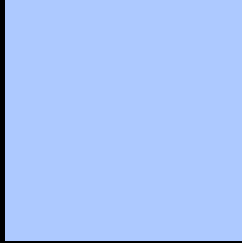
Large Text (above 18pt) WCAG AA × Fail

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 57.8775, 0.2590, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

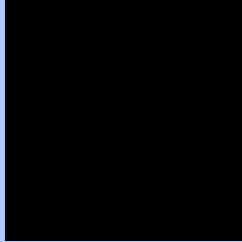
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

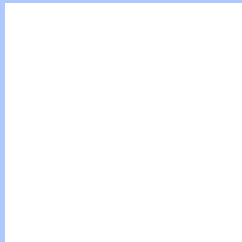
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8775, 0.2590, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 57.8775, 0.2590, 0.2669.



This preview shows how white text looks on a background with the Yxy color 57.8775, 0.2590, 0.2669.

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

57.8775, 0.2590, 0.2669

Protanopia

57.9191, 0.2679, 0.2667

Deuteranopia

57.6470, 0.2692, 0.2629



Tritanopia

58.0604, 0.2736, 0.3093

Trichromacy



Original Color

57.8775, 0.2590, 0.2669

Protanomaly

57.8264, 0.2643, 0.2664

Deuteranomaly

57.7985, 0.2655, 0.2645

Tritanomaly

58.0958, 0.2682, 0.2930

Monochromacy



Original Color

57.8775, 0.2590, 0.2669

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.3702, 0.2920, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8775, 0.2590, 0.2669 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(173, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 255)  
}
```

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(173, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.8775, 0.2590, 0.2669 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(173, 201, 255) }
```

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

```
.border{ border-color:rgb(173, 201, 255) }
```

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

Here you see how a box with a 4 pixel rgb(173, 201, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8775, 0.2590, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 255) }
```

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

```
.background{ background-color: rgb(173,  
201, 255) }
```

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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