

Converting Colors

Yxy(56.8350, 0.2596, 0.2681)

Have a look what the booklet for
Yxy(56.8350, 0.2596, 0.2681)
contains.

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Color

Yxy(57.1075, 0.2599, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	ACC8FC
RGB	172, 200, 252
RGB Percent	67%, 78%, 99%
CMY	0.3254, 0.2157, 0.0119
CMYK	0.32, 0.21, 0.00, 0.01
HSL	219°, 93%, 83%
HSV	219°, 32%, 99%
XYZ	55.2372, 57.1075, 100.1879
YIQ	197.5560, -33.3800, 10.2360

Conversions

Conversions Part 2

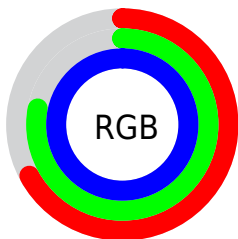
Format	Color
R _Y B	172, 193, 252
Decimal	11323644
CIE Lab	80.24, 2.43, -28.60
CIE LCh	80, 28.700, 274.851
Yxy	57.1075, 0.2599, 0.2687
Android (android.graphics.Color)	4289513724 (0xFFACC8FC)
YUV	197.5560, 26.8409, -22.4126
Hunter-Lab	75.5695, -1.7728, -25.7063

Details

The Yxy color **57.1075, 0.2599, 0.2687** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.9761, 0.3690, 0.3826**, and the grayscale version is **56.0404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **28.2798, 0.2466, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **47.3389, 0.2420, 0.2456**, and if you desaturate by 10%, it is **68.2338, 0.2775, 0.2899**.

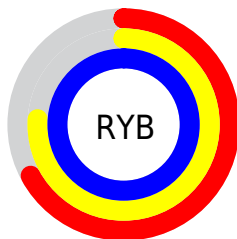
Distribution



Red (67%)

Green (78%)

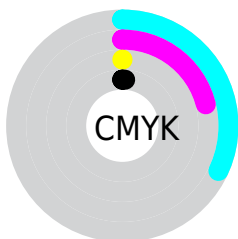
Blue (99%)



Red (67%)

Yellow (76%)

Blue (99%)

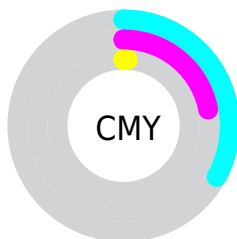


Cyan (32%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (33%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1075, 0.2599, 0.2687 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 57.1075, 0.2599, 0.2687 by changing the saturation by 10% instead.

■ 57.1075, 0.2599,
0.2687

■ 57.1075, 0.2599,
0.2687

413.8520, 0.2850,
0.2971

■ 41.0916, 0.2541,
0.2621

■ 100.6220, 0.2687,
0.2786

■ 28.3906, 0.2468,
0.2540

128.8894, 0.2721,
0.2825

■ 18.6203, 0.2376,
0.2437

162.0094, 0.2750,
0.2858

■ 11.3963, 0.2255,
0.2302

200.3663, 0.2775,
0.2887

■ 6.3340, 0.2090,
0.2120

244.3447, 0.2797,
0.2912

■ 3.0492, 0.1854,
0.1863

294.3288, 0.2817,

■ 1.1575, 0.1501,

0.2934

0.1482

350.7031, 0.2834,
0.2954

0.0266, 0.0328,
0.0103

0.0000, 0.0000,
0.0000

57.1075, 0.2599,
0.2687

57.1075, 0.2599,
0.2687

47.3389, 0.2420,
0.2456

68.2338, 0.2775,
0.2899

38.8652, 0.2242,
0.2211

80.7636, 0.2943,
0.3091

31.6281, 0.2073,
0.1958

94.7487, 0.3101,
0.3262

25.5615, 0.1921,
0.1706

99.8069, 0.3145,
0.3319

■ 20.5921, 0.1793,
0.1466

■ 16.6354, 0.1695,
0.1248

■ 14.0389, 0.1636,
0.1090

Harmonies

Analogous

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



57.1075, 0.2446, 0.2814



57.1075, 0.2599, 0.2687



57.1075, 0.2894, 0.2711

Triad

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



57.1075, 0.2599, 0.2687



57.1075, 0.3843, 0.3426



57.1075, 0.2955, 0.3775

Complementary

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



57.1075, 0.2599, 0.2687



76.9761, 0.3690, 0.3826

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.



57.1075, 0.3329, 0.3953



57.1075, 0.2599, 0.2687



57.1075, 0.3854, 0.3717

Square

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



57.1075, 0.2599, 0.2687



57.1075, 0.3625, 0.3122



57.1075, 0.3661, 0.3920



57.1075, 0.2641, 0.3443

Rectangle

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



57.1075, 0.2599, 0.2687



57.1075, 0.3141, 0.2802



57.1075, 0.3661, 0.3920



57.1075, 0.3078, 0.3857

Sweetspot

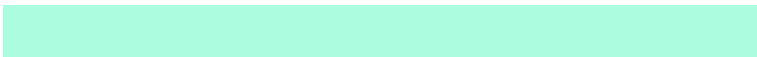
The Sweet Spot groups the original color and five complimentary colors.



57.1097, 0.2599, 0.2687



85.3576, 0.2971, 0.3122



83.6888, 0.2817, 0.3622



17.8556, 0.2948, 0.3097



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.



57.1097, 0.2599, 0.2687



52.2061, 0.2486, 0.2544



46.5655, 0.2632, 0.2368



17.6367, 0.2979, 0.3131



7.5633, 0.1645, 0.1120



0.8910, 0.1710, 0.1356

Inverse Universe

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



54.3726, 0.3601, 0.2998



49.5544, 0.3735, 0.2938



91.3427, 0.3534, 0.4105



17.3255, 0.3239, 0.3207



11.1744, 0.5581, 0.2848



1.0542, 0.5250, 0.2666

Previews

White Background



This preview shows how the Yxy color 57.1075, 0.2599, 0.2687 looks on a white background.

Color Contrast Check

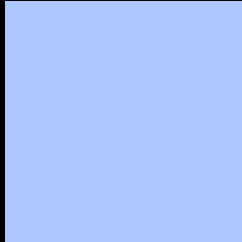
Large Text (above 18pt) WCAG AA × Fail

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 57.1075, 0.2599, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

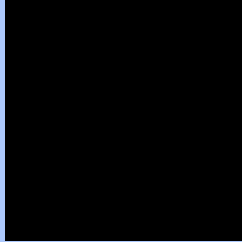
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

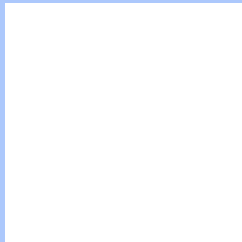
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1075, 0.2599, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 57.1075, 0.2599, 0.2687.



This preview shows how white text looks on a background with the Yxy color 57.1075, 0.2599, 0.2687.

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

57.1075, 0.2599, 0.2687

Protanopia

57.2737, 0.2695, 0.2686

Deuteranopia

56.9409, 0.2696, 0.2636



Tritanopia

56.9359, 0.2733, 0.3079

Trichromacy



Original Color

57.1075, 0.2599, 0.2687

Protanomaly

57.1770, 0.2658, 0.2682

Deuteranomaly

57.0916, 0.2659, 0.2652

Tritanomaly

56.9199, 0.2685, 0.2927

Monochromacy



Original Color

57.1075, 0.2599, 0.2687

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7276, 0.2919, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1075, 0.2599, 0.2687 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(172, 200, 252)` looks like.

```
.text, #text, p{  
    color:rgb(172, 200, 252)  
}
```

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(172, 200, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 200, 252) }
```

Border

The CSS property to change the border of an element to Yxy 57.1075, 0.2599, 0.2687 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(172, 200, 252) }
```

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

```
.border{ border-color:rgb(172, 200, 252) }
```

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

Here you see how a box with a 4 pixel rgb(172, 200, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 200, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 200, 252);  
box-shadow:4px 4px 4px 4px rgb(172, 200,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1075, 0.2599, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 200, 252) }
```

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

```
.background{ background-color: rgb(172,  
200, 252) }
```

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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