

Converting Colors

$Yxy(56.7371, 0.2603, 0.2665)$

Have a look what the booklet for
Yxy(56.7371, 0.2603, 0.2665)
contains.

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Color

Yxy(56.9374, 0.2604, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	AEC7FD
RGB	174, 199, 253
RGB Percent	68%, 78%, 99%
CMY	0.3176, 0.2196, 0.0077
CMYK	0.31, 0.21, 0.00, 0.01
HSL	221°, 95%, 84%
HSV	221°, 31%, 99%
XYZ	55.6133, 56.9374, 101.0180
YIQ	197.6810, -32.2340, 11.4940

Conversions

Conversions Part 2

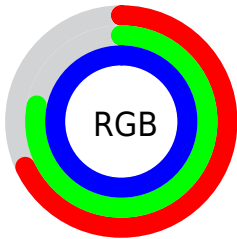
Format	Color
RYB	174, 193, 253
Decimal	11454461
CIELab	80.14, 3.78, -29.30
CIELCh	80, 29.541, 277.359
Yxy	56.9374, 0.2604, 0.2666
Android (android.graphics.Color)	4289644541 (0xFFAEC7FD)
YUV	197.6810, 27.2723, -20.7682
Hunter-Lab	75.4569, -0.4913, -26.5547

Details

The Yxy color **56.9374, 0.2604, 0.2666** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.4560, 0.3672, 0.3843**, and the grayscale version is **56.1167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **28.1583, 0.2472, 0.2513** is the 20% darker color. If you saturate the color by 10%, you get **46.7878, 0.2421, 0.2424**, and if you desaturate by 10%, it is **68.5441, 0.2782, 0.2889**.

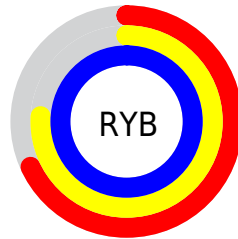
Distribution



Red (68%)

Green (78%)

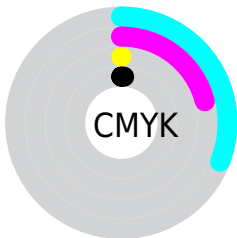
Blue (99%)



Red (68%)

Yellow (76%)

Blue (99%)

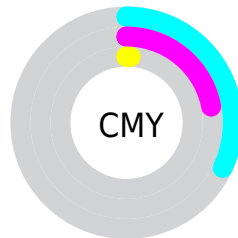


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9374, 0.2604, 0.2666 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 56.9374, 0.2604, 0.2666 by changing the saturation by 10% instead.

■ 56.9374, 0.2604,
0.2666

■ 56.9374, 0.2604,
0.2666

413.2147, 0.2853,
0.2959

■ 40.9550, 0.2546,
0.2598

■ 100.3738, 0.2691,
0.2768

■ 28.2839, 0.2474,
0.2515

128.5967, 0.2725,
0.2808

■ 18.5398, 0.2382,
0.2409

161.6684, 0.2754,
0.2842

■ 11.3382, 0.2262,
0.2271

199.9734, 0.2779,
0.2872

■ 6.2948, 0.2098,
0.2086

243.8962, 0.2801,
0.2898

■ 3.0252, 0.1864,
0.1824

293.8211, 0.2820,

■ 1.1449, 0.1512,

0.2921

0.1441

350.1324, 0.2837,
0.2941

0.0160, 0.0404,
0.0060

0.0000, 0.0000,
0.0000

56.9374, 0.2604,
0.2666

56.9374, 0.2604,
0.2666

46.7878, 0.2421,
0.2424

68.5441, 0.2782,
0.2889

38.0275, 0.2239,
0.2166

81.6582, 0.2951,
0.3090

30.5931, 0.2065,
0.1901

96.3360, 0.3109,
0.3269

24.4130, 0.1907,
0.1638

99.8743, 0.3138,
0.3309

■ 19.4075, 0.1775,
0.1390

■ 15.4858, 0.1675,
0.1169

■ 12.8353, 0.1612,
0.1004

Harmonies

Analogous

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



56.9374, 0.2433, 0.2783



56.9374, 0.2604, 0.2666



56.9374, 0.2917, 0.2703

Triad

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



56.9374, 0.2604, 0.2666



56.9374, 0.3875, 0.3456



56.9374, 0.2919, 0.3767

Complementary

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



56.9374, 0.2604, 0.2666



79.4560, 0.3672, 0.3843

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.



56.9374, 0.3302, 0.3967



56.9374, 0.2604, 0.2666



56.9374, 0.3867, 0.3751

Square

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



56.9374, 0.2604, 0.2666



56.9374, 0.3666, 0.3142



56.9374, 0.3652, 0.3949



56.9374, 0.2605, 0.3415

Rectangle

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



56.9374, 0.2604, 0.2666



56.9374, 0.3175, 0.2804



56.9374, 0.3652, 0.3949



56.9374, 0.3044, 0.3856

Sweetspot

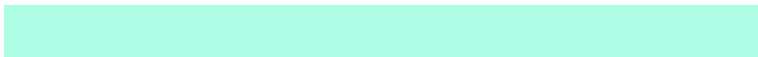
The Sweet Spot groups the original color and five complimentary colors.



56.9396, 0.2604, 0.2666



86.2978, 0.2987, 0.3132



84.8755, 0.2801, 0.3570



18.0235, 0.2964, 0.3105



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.



56.9396, 0.2604, 0.2666



51.7999, 0.2499, 0.2528



48.1218, 0.2670, 0.2391



18.3152, 0.2979, 0.3123



7.0553, 0.1620, 0.1032



0.8734, 0.1682, 0.1254

Inverse Universe

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



55.2867, 0.3615, 0.3030



50.3667, 0.3743, 0.2980



91.6027, 0.3501, 0.4100



18.0817, 0.3244, 0.3215



11.4402, 0.5710, 0.2919



1.1327, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 56.9374, 0.2604, 0.2666 looks on a white background.

Color Contrast Check

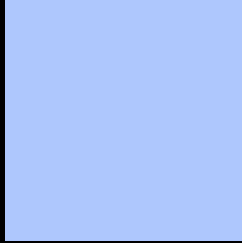
Large Text (above 18pt) WCAG AA × Fail

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 56.9374, 0.2604, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

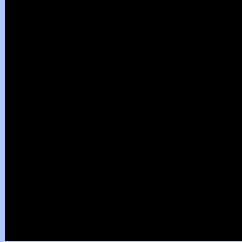
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

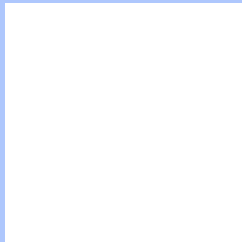
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9374, 0.2604, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 56.9374, 0.2604, 0.2666.



This preview shows how white text looks on a background with the Yxy color 56.9374, 0.2604, 0.2666.

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

56.9374, 0.2604, 0.2666

Protanopia

56.7592, 0.2682, 0.2663

Deuteranopia

56.8773, 0.2683, 0.2625



Tritanopia

57.0986, 0.2752, 0.3092

Trichromacy



Original Color

56.9374, 0.2604, 0.2666

Protanomaly

56.7845, 0.2651, 0.2660

Deuteranomaly

56.7029, 0.2652, 0.2631

Tritanomaly

57.1411, 0.2698, 0.2928

Monochromacy



Original Color

56.9374, 0.2604, 0.2666

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2689, 0.2919, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9374, 0.2604, 0.2666 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, 199, 253)` looks like.

```
.text, #text, p{  
    color:rgb(174, 199, 253)  
}
```

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, 199, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 199, 253) }
```

Border

The CSS property to change the border of an element to Yxy 56.9374, 0.2604, 0.2666 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, 199, 253) }
```

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

```
.border{ border-color:rgb(174, 199, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 199, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 199, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 199, 253);  
box-shadow:4px 4px 4px 4px rgb(174, 199,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9374, 0.2604, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 199, 253) }
```

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

```
.background{ background-color: rgb(174,  
199, 253) }
```

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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