

Converting Colors

$Yxy(61.2054, 0.2322, 0.2238)$

Have a look what the booklet for
Yxy(61.2054, 0.2322, 0.2238)
contains.

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Color

Yxy(57.9312, 0.2546, 0.2685)

Conversions

Conversions Part 1

Format	Color
Hex	A5CBFF
RGB	165, 203, 255
RGB Percent	65%, 80%, 100%
CMY	0.3527, 0.2040, 0.0000
CMYK	0.35, 0.20, 0.00, 0.00
HSL	215°, 100%, 82%
HSV	215°, 35%, 100%
XYZ	54.9322, 57.9312, 102.8953
YIQ	197.5660, -39.3400, 8.1160

Conversions

Conversions Part 2

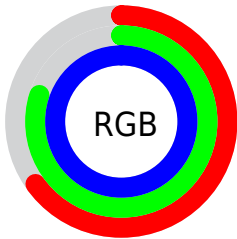
Format	Color
R _Y B	165, 192, 255
Decimal	10865663
CIE Lab	80.70, -0.33, -29.54
CIE LCh	81, 29.541, 269.365
Yxy	57.9312, 0.2546, 0.2685
Android (android.graphics.Color)	4289055743 (0xFFA5CBFF)
YUV	197.5660, 28.3150, -28.5604
Hunter-Lab	76.1125, -4.3695, -26.8744

Details

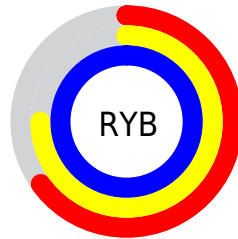
The Yxy color **57.9312, 0.2546, 0.2685** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.6418, 0.3785, 0.3825**, and the grayscale version is **56.0457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **28.8871, 0.2405, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **48.8283, 0.2374, 0.2476**, and if you desaturate by 10%, it is **68.2460, 0.2718, 0.2879**.

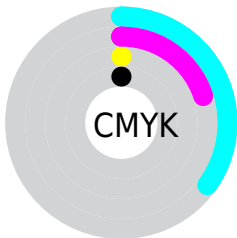
Distribution



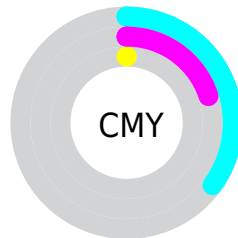
- Red (65%)
- Green (80%)
- Blue (100%)



- Red (65%)
- Yellow (75%)
- Blue (100%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9312, 0.2546, 0.2685 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 57.9312, 0.2546, 0.2685 by changing the saturation by 10% instead.


 57.9312, 0.2546,
0.2685


 57.9312, 0.2546,
0.2685


416.9295, 0.2820,
0.2971

 41.7533, 0.2483,
0.2619

 101.8227, 0.2642,
0.2785

 28.9082, 0.2404,
0.2537


 130.3051, 0.2679,
0.2823

 19.0114, 0.2305,
0.2434


163.6578, 0.2711,
0.2857

 11.6785, 0.2176,
0.2298

202.2651, 0.2738,
0.2886

 6.5252, 0.2001,
0.2116

246.5116, 0.2763,
0.2911

 3.1670, 0.1755,
0.1858

296.7816, 0.2784,

 1.2195, 0.1394,

0.2933

0.1479

353.4594, 0.2803,
0.2953

■ 0.0776, 0.0231,
0.0273

■ 0.0000, 0.0000,
0.0000

■ 57.9312, 0.2546,
0.2685

■ 57.9312, 0.2546,
0.2685

■ 48.8283, 0.2374,
0.2476

■ 68.2460, 0.2718,
0.2879

■ 40.8799, 0.2208,
0.2255

■ 79.8139, 0.2886,
0.3055

■ 34.0331, 0.2054,
0.2027

■ 92.6817, 0.3046,
0.3214

■ 28.2268, 0.1919,
0.1800

100.0000, 0.3127,
0.3290

■ 23.3925, 0.1807,
0.1582

■ 19.4491, 0.1724,
0.1381

■ 17.8477, 0.1693,
0.1293

Harmonies

Analogous

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



57.9312, 0.2420, 0.2843



57.9312, 0.2546, 0.2685



57.9312, 0.2825, 0.2682

Triad

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



57.9312, 0.2546, 0.2685



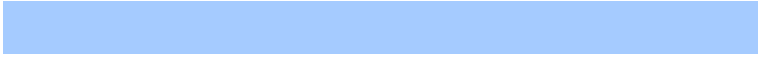
57.9312, 0.3835, 0.3371



57.9312, 0.3019, 0.3836

Complementary

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



57.9312, 0.2546, 0.2685



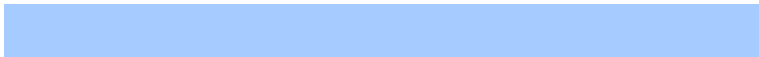
73.6418, 0.3785, 0.3825

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.



57.9312, 0.3401, 0.3979



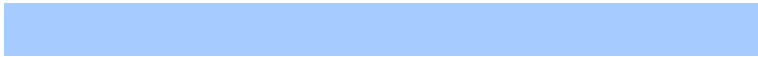
57.9312, 0.2546, 0.2685



57.9312, 0.3887, 0.3676

Square

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



57.9312, 0.2546, 0.2685



57.9312, 0.3578, 0.3065



57.9312, 0.3723, 0.3907



57.9312, 0.2680, 0.3515

Rectangle

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



57.9312, 0.2546, 0.2685



57.9312, 0.3070, 0.2760



57.9312, 0.3723, 0.3907



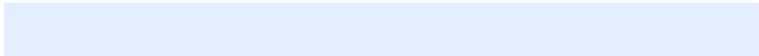
57.9312, 0.3147, 0.3908

Sweetspot

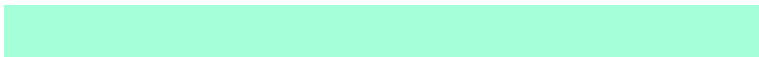
The Sweet Spot groups the original color and five complimentary colors.



57.9333, 0.2546, 0.2685



85.1465, 0.2955, 0.3125



84.4853, 0.2817, 0.3736



17.8569, 0.2933, 0.3103



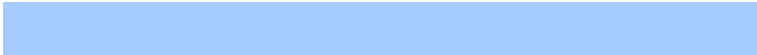
0.0000, 0.0000, 0.0000



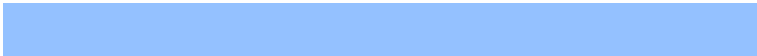
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9333, 0.2546, 0.2685



51.6754, 0.2430, 0.2546



42.8173, 0.2524, 0.2236



18.6368, 0.2979, 0.3149



9.6060, 0.1701, 0.1323



1.1459, 0.1762, 0.1545

Inverse Universe

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



52.5041, 0.3615, 0.2898



46.2616, 0.3749, 0.2823



94.3794, 0.3619, 0.4184



18.1142, 0.3228, 0.3190



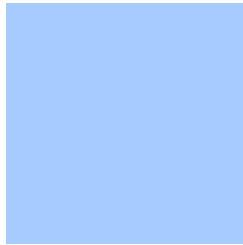
11.6977, 0.5295, 0.2690



1.1602, 0.5002, 0.2529

Previews

White Background



This preview shows how the Yxy color 57.9312, 0.2546, 0.2685 looks on a white background.

Color Contrast Check

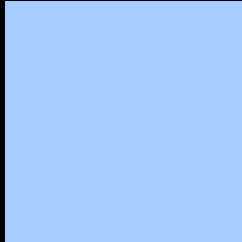
Large Text (above 18pt) WCAG AA × Fail

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 57.9312, 0.2546, 0.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

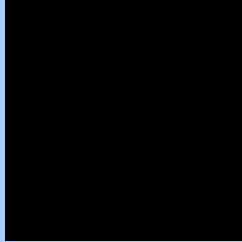
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

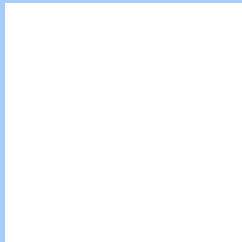
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9312, 0.2546, 0.2685

Background



This preview shows how black text looks on a background with the Yxy color 57.9312, 0.2546, 0.2685.



This preview shows how white text looks on a background with the Yxy color 57.9312, 0.2546, 0.2685.

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

57.9312, 0.2546, 0.2685

Protanopia

57.9180, 0.2697, 0.2689

Deuteranopia

57.6470, 0.2692, 0.2629



Tritanopia

57.8171, 0.2675, 0.3078

Trichromacy



Original Color

57.9312, 0.2546, 0.2685

Protanomaly

57.9205, 0.2642, 0.2694

Deuteranomaly

57.8906, 0.2637, 0.2653

Tritanomaly

57.7758, 0.2629, 0.2926

Monochromacy



Original Color

57.9312, 0.2546, 0.2685

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8621, 0.2891, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9312, 0.2546, 0.2685 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(165, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 203, 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(165, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.9312, 0.2546, 0.2685 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(165, 203, 255) }
```

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

```
.border{ border-color:rgb(165, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 203, 255); box-shadow:4px 4px 4px 4px rgb(165, 203, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9312, 0.2546, 0.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 203, 255) }
```

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

```
.background{ background-color: rgb(165,  
203, 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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