

Converting Colors

Yxy(59.6535, 0.2435, 0.2606)

Have a look what the booklet for
Yxy(59.6535, 0.2435, 0.2606)
contains.

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Color

Yxy(58.7157, 0.2491, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	9ACFFF
RGB	154, 207, 255
RGB Percent	60%, 81%, 100%
CMY	0.3961, 0.1882, 0.0000
CMYK	0.40, 0.19, 0.00, 0.00
HSL	209°, 100%, 80%
HSV	209°, 40%, 100%
XYZ	53.6934, 58.7157, 103.1405
YIQ	196.6250, -46.9960, 3.6920

Conversions

Conversions Part 2

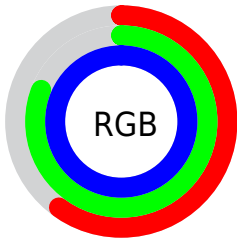
Format	Color
RYB	154, 189, 255
Decimal	10145791
CIELab	81.14, -5.36, -28.95
CIELCh	81, 29.437, 259.519
Yxy	58.7157, 0.2491, 0.2724
Android (android.graphics.Color)	4288335871 (0xFF9ACFFF)
YUV	196.6250, 28.7789, -37.3821
Hunter-Lab	76.6262, -9.0175, -26.1673

Details

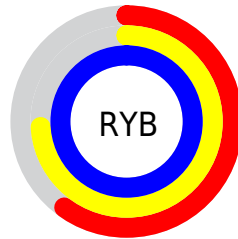
The Yxy color **58.7157, 0.2491, 0.2724** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.8353, 0.3926, 0.3790**, and the grayscale version is **55.4413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **29.4564, 0.2340, 0.2589** is the 20% darker color. If you saturate the color by 10%, you get **50.8248, 0.2334, 0.2550**, and if you desaturate by 10%, it is **67.5886, 0.2654, 0.2887**.

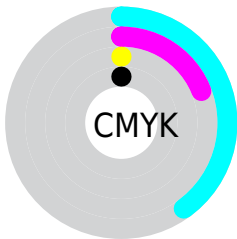
Distribution



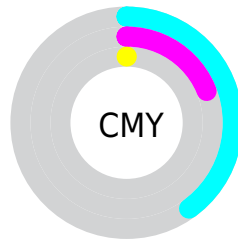
- Red (60%)
- Green (81%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- Blue (100%)



- Cyan (40%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7157, 0.2491, 0.2724 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 58.7157, 0.2491, 0.2724 by changing the saturation by 10% instead.

 58.7157, 0.2491,
0.2724

 58.7157, 0.2491,
0.2724


419.8475, 0.2789,
0.2993

 42.3843, 0.2423,
0.2661


 102.9644, 0.2595,
0.2819

 29.4023, 0.2339,
0.2583


 131.6504, 0.2635,
0.2855

 19.3854, 0.2232,
0.2484


165.2234, 0.2670,
0.2886

 11.9491, 0.2095,
0.2354

204.0679, 0.2700,
0.2914

 6.7090, 0.1910,
0.2177

248.5681, 0.2726,
0.2937

 3.2808, 0.1653,
0.1926

299.1085, 0.2749,

 1.2800, 0.1282,

0.2958

0.1552

356.0735, 0.2770,
0.2977

0.1257, 0.0000,
0.0441

0.0000, 0.0000,
0.0000

58.7157, 0.2491,
0.2724

58.7157, 0.2491,
0.2724

50.8248, 0.2334,
0.2550

67.5886, 0.2654,
0.2887

43.8722, 0.2187,
0.2367

77.4845, 0.2817,
0.3037

37.8095, 0.2055,
0.2179

88.4412, 0.2978,
0.3173

32.5826, 0.1943,
0.1992

100.0000, 0.3127,
0.3290

■ 28.1287, 0.1854,
0.1809

■ 24.3554, 0.1788,
0.1636

■ 24.2173, 0.1786,
0.1629

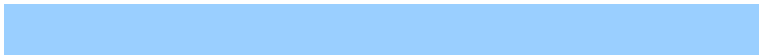
Harmonies

Analogous

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



58.7157, 0.2421, 0.2930



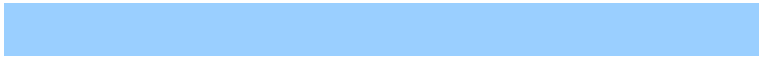
58.7157, 0.2491, 0.2724



58.7157, 0.2722, 0.2671

Triad

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



58.7157, 0.2491, 0.2724



58.7157, 0.3765, 0.3268



58.7157, 0.3145, 0.3902

Complementary

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



58.7157, 0.2491, 0.2724



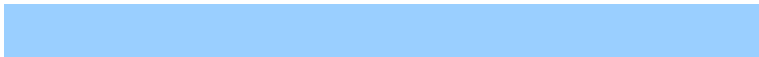
65.8353, 0.3926, 0.3790

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.



58.7157, 0.3516, 0.3972



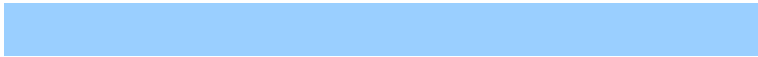
58.7157, 0.2491, 0.2724



58.7157, 0.3888, 0.3578

Square

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



58.7157, 0.2491, 0.2724



58.7157, 0.3459, 0.2978



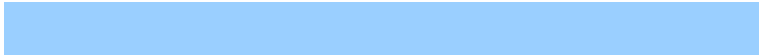
58.7157, 0.3792, 0.3841



58.7157, 0.2783, 0.3631

Rectangle

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



58.7157, 0.2491, 0.2724



58.7157, 0.2947, 0.2719



58.7157, 0.3792, 0.3841



58.7157, 0.3272, 0.3950

Sweetspot

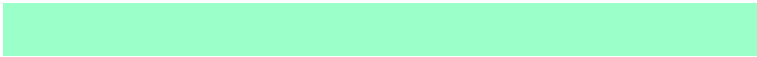
The Sweet Spot groups the original color and five complimentary colors.



58.7156, 0.2491, 0.2724



85.7209, 0.2940, 0.3142



82.6136, 0.2835, 0.3926



18.0356, 0.2919, 0.3124



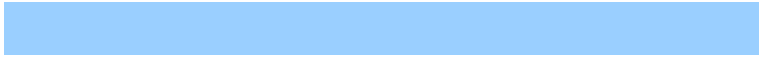
0.0000, 0.0000, 0.0000



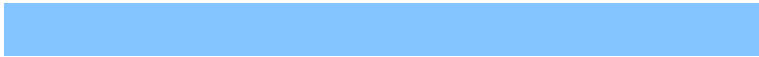
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7156, 0.2491, 0.2724



52.0285, 0.2359, 0.2579



38.3290, 0.2396, 0.2111



18.9553, 0.2979, 0.3174



12.9554, 0.1794, 0.1657



1.4803, 0.1849, 0.1856

Inverse Universe

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



48.8768, 0.3598, 0.2746



41.9491, 0.3744, 0.2634



92.9839, 0.3734, 0.4247



18.1463, 0.3212, 0.3166



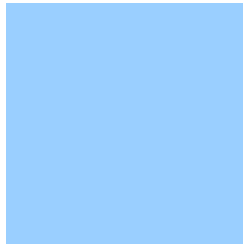
12.0358, 0.4859, 0.2451



1.1940, 0.4619, 0.2318

Previews

White Background



This preview shows how the Yxy color 58.7157, 0.2491, 0.2724 looks on a white background.

Color Contrast Check

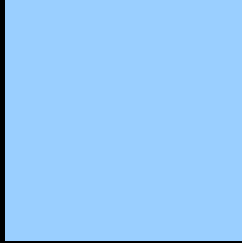
Large Text (above 18pt) WCAG AA × Fail

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 58.7157, 0.2491, 0.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

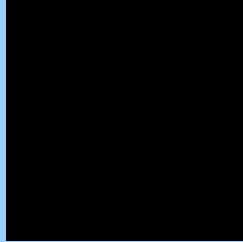
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

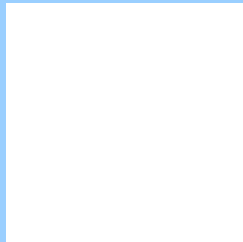
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7157, 0.2491, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 58.7157, 0.2491, 0.2724.



This preview shows how white text looks on a background with the Yxy color 58.7157, 0.2491, 0.2724.

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

58.7157, 0.2491, 0.2724

Protanopia

58.5052, 0.2723, 0.2723

Deuteranopia

58.2289, 0.2699, 0.2641



Tritanopia

58.9472, 0.2596, 0.3077

Trichromacy



Original Color

58.7157, 0.2491, 0.2724

Protanomaly

58.4362, 0.2632, 0.2725

Deuteranomaly

58.4583, 0.2621, 0.2674

Tritanomaly

58.7503, 0.2561, 0.2947

Monochromacy



Original Color

58.7157, 0.2491, 0.2724

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6590, 0.2862, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7157, 0.2491, 0.2724 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(154, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 207, 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(154, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.7157, 0.2491, 0.2724 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(154, 207, 255) }
```

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

```
.border{ border-color:rgb(154, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7157, 0.2491, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 207, 255) }
```

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

```
.background{ background-color: rgb(154,  
207, 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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