

Converting Colors

$Yxy(63.9126, 0.2173, 0.2077)$

Have a look what the booklet for
Yxy(63.9126, 0.2173, 0.2077)
contains.

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Color

Yxy(58.2352, 0.2465, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	95CFFF
RGB	149, 207, 255
RGB Percent	58%, 81%, 100%
CMY	0.4155, 0.1882, 0.0002
CMYK	0.42, 0.19, 0.00, 0.00
HSL	207°, 100%, 79%
HSV	207°, 42%, 100%
XYZ	52.7563, 58.2352, 103.0299
YIQ	195.1300, -49.9760, 2.6320

Conversions

Conversions Part 2

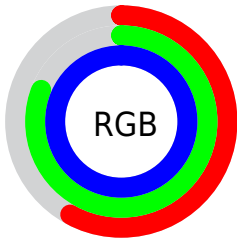
Format	Color
R_{YB}	149, 186, 255
Decimal	9818111
CIE Lab	80.87, -6.63, -29.33
CIE LCh	81, 30.074, 257.266
Yxy	58.2352, 0.2465, 0.2721
Android (android.graphics.Color)	4288008191 (0xFF95CFFF)
YUV	195.1300, 29.5159, -40.4560
Hunter-Lab	76.3120, -10.1448, -26.6298

Details

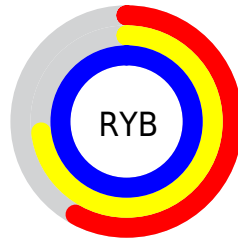
The Yxy color **58.2352, 0.2465, 0.2721** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.3526, 0.3986, 0.3790**, and the grayscale version is **54.5028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **29.1868, 0.2310, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **50.7048, 0.2312, 0.2554**, and if you desaturate by 10%, it is **66.7039, 0.2625, 0.2878**.

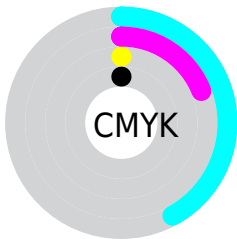
Distribution



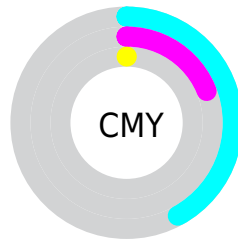
- Red (58%)
- Green (81%)
- Blue (100%)



- Red (58%)
- Yellow (73%)
- Blue (100%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2352, 0.2465, 0.2721 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 58.2352, 0.2465, 0.2721 by changing the saturation by 10% instead.


 58.2352, 0.2465,
0.2721

 58.2352, 0.2465,
0.2721


418.0618, 0.2775,
0.2993

 41.9978, 0.2394,
0.2657


 102.2653, 0.2573,
0.2817

 29.0995, 0.2307,
0.2579


 130.8267, 0.2615,
0.2853

 19.1561, 0.2196,
0.2478


164.2650, 0.2651,
0.2885

 11.7832, 0.2054,
0.2346

202.9644, 0.2682,
0.2912

 6.5962, 0.1863,
0.2166

247.3094, 0.2710,
0.2936

 3.2109, 0.1598,
0.1910

297.6843, 0.2734,

 1.2428, 0.1218,

0.2957

354.4737, 0.2756,
0.2976

0.1529

0.0962, 0.0000,
0.0343

0.0000, 0.0000,
0.0000

58.2352, 0.2465,
0.2721

58.2352, 0.2465,
0.2721

50.7048, 0.2312,
0.2554

66.7039, 0.2625,
0.2878

44.0628, 0.2171,
0.2379

76.1440, 0.2786,
0.3023

38.2635, 0.2046,
0.2200

86.5951, 0.2947,
0.3154

33.2532, 0.1941,
0.2022

98.0919, 0.3104,
0.3273

■ 28.9685, 0.1860,
0.1848

99.9972, 0.3127,
0.3290

■ 25.8347, 0.1808,
0.1707

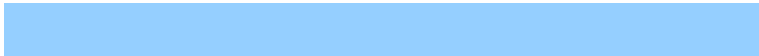
Harmonies

Analogous

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



58.2352, 0.2407, 0.2943



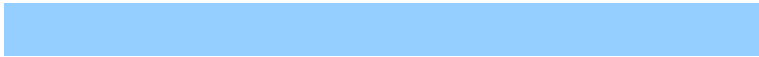
58.2352, 0.2465, 0.2721



58.2352, 0.2690, 0.2656

Triad

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



58.2352, 0.2465, 0.2721



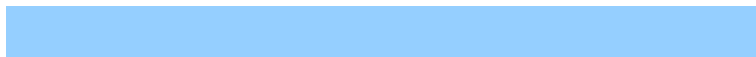
58.2352, 0.3763, 0.3243



58.2352, 0.3174, 0.3931

Complementary

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



58.2352, 0.2465, 0.2721



63.3526, 0.3986, 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.



58.2352, 0.3550, 0.3986



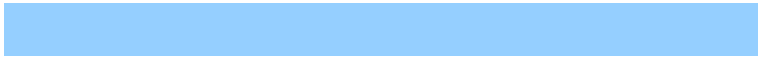
58.2352, 0.2465, 0.2721



58.2352, 0.3906, 0.3561

Square

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



58.2352, 0.2465, 0.2721



58.2352, 0.3438, 0.2951



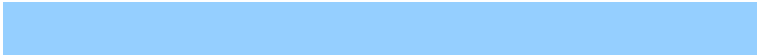
58.2352, 0.3823, 0.3837



58.2352, 0.2800, 0.3665

Rectangle

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



58.2352, 0.2465, 0.2721



58.2352, 0.2914, 0.2697



58.2352, 0.3823, 0.3837



58.2352, 0.3305, 0.3974

Sweetspot

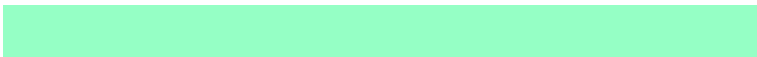
The Sweet Spot groups the original color and five complimentary colors.



58.2374, 0.2465, 0.2721



86.1282, 0.2940, 0.3149



81.9031, 0.2832, 0.3986



18.1314, 0.2919, 0.3132



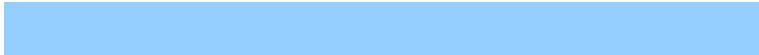
0.0000, 0.0000, 0.0000



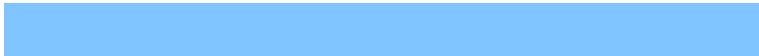
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2374, 0.2465, 0.2721



51.8277, 0.2335, 0.2580



36.8327, 0.2358, 0.2065



19.0255, 0.2979, 0.3180



13.8069, 0.1815, 0.1735



1.5628, 0.1868, 0.1926

Inverse Universe

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



47.2644, 0.3607, 0.2696



40.6120, 0.3750, 0.2581



91.5834, 0.3769, 0.4276



18.1534, 0.3208, 0.3161



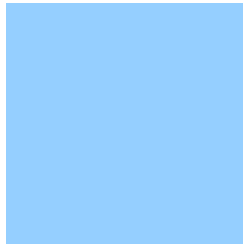
12.1218, 0.4764, 0.2398



1.2023, 0.4537, 0.2273

Previews

White Background



This preview shows how the Yxy color 58.2352, 0.2465, 0.2721 looks on a white background.

Color Contrast Check

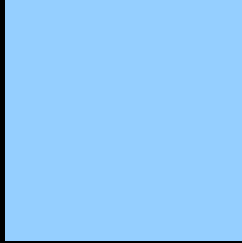
Large Text (above 18pt) WCAG AA × Fail

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 58.2352, 0.2465, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

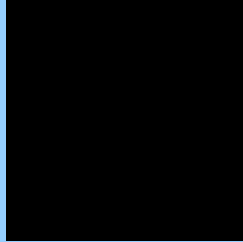
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

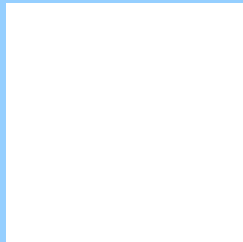
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2352, 0.2465, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 58.2352, 0.2465, 0.2721.



This preview shows how white text looks on a background with the Yxy color 58.2352, 0.2465, 0.2721.

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

58.2352, 0.2465, 0.2721

Protanopia

57.9191, 0.2716, 0.2710

Deuteranopia

58.0997, 0.2693, 0.2640



Tritanopia

58.4949, 0.2568, 0.3076

Trichromacy



Original Color

58.2352, 0.2465, 0.2721

Protanomaly

57.7370, 0.2618, 0.2711

Deuteranomaly

58.1072, 0.2602, 0.2671

Tritanomaly

58.2860, 0.2534, 0.2945

Monochromacy



Original Color

58.2352, 0.2465, 0.2721

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3216, 0.2847, 0.3069

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2352, 0.2465, 0.2721 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(149, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.2352, 0.2465, 0.2721 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(149, 207, 255) }
```

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

```
.border{ border-color:rgb(149, 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(149, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2352, 0.2465, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 207, 255) }
```

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

```
.background{ background-color: rgb(149,  
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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