

Converting Colors

Yxy(59.8326, 0.2467, 0.2819)

Have a look what the booklet for
Yxy(59.8326, 0.2467, 0.2819)
contains.

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Color

Yxy(59.9813, 0.2468, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	90D4FB
RGB	144, 212, 251
RGB Percent	56%, 83%, 98%
CMY	0.4354, 0.1686, 0.0155
CMYK	0.43, 0.16, 0.00, 0.02
HSL	202°, 93%, 77%
HSV	202°, 43%, 98%
XYZ	52.4571, 59.9813, 100.1105
YIQ	196.1140, -53.0470, -2.2870

Conversions

Conversions Part 2

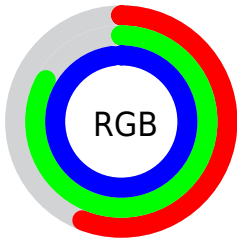
Format	Color
RYB	144, 186, 251
Decimal	9491707
CIELab	81.83, -11.54, -25.81
CIELCh	82, 28.271, 245.911
Yxy	59.9813, 0.2468, 0.2822
Android (android.graphics.Color)	4287681787 (0xFF90D4FB)
YUV	196.1140, 27.0588, -45.7040
Hunter-Lab	77.4476, -14.6311, -22.4263

Details

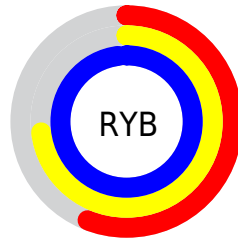
The Yxy color **59.9813, 0.2468, 0.2822** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.3943, 0.4059, 0.3706**, and the grayscale version is **55.1299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **30.0352, 0.2313, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **53.5229, 0.2328, 0.2689**, and if you desaturate by 10%, it is **67.2061, 0.2618, 0.2947**.

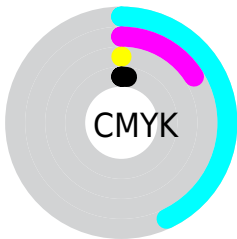
Distribution



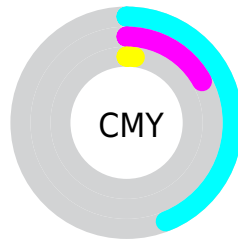
- Red (56%)
- Green (83%)
- Blue (98%)



- Red (56%)
- Yellow (73%)
- Blue (98%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)





- Cyan (44%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9813, 0.2468, 0.2822 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 59.9813, 0.2468, 0.2822 by changing the saturation by 10% instead.


 59.9813, 0.2468,
0.2822

 59.9813, 0.2468,
0.2822


424.5288, 0.2775,
0.3048

 43.4036, 0.2398,
0.2769


 104.8025, 0.2574,
0.2902

 30.2019, 0.2312,
0.2702


 133.8148, 0.2616,
0.2933

 19.9919, 0.2203,
0.2616


167.7408, 0.2652,
0.2959

 12.3891, 0.2063,
0.2502


206.9647, 0.2683,
0.2982

 7.0093, 0.1875,
0.2345

251.8711, 0.2710,
0.3001

 3.4679, 0.1615,
0.2117

302.8443, 0.2734,

 1.3806, 0.1239,

0.3019

0.1766

360.2688, 0.2756,
0.3034

0.2024, 0.0000,
0.0760

0.0000, 0.0000,
0.0000

59.9813, 0.2468,
0.2822

59.9813, 0.2468,
0.2822

53.5229, 0.2328,
0.2689

67.2061, 0.2618,
0.2947

47.7861, 0.2201,
0.2550

75.2251, 0.2773,
0.3064

42.7310, 0.2091,
0.2408

84.0729, 0.2930,
0.3170

38.3094, 0.2002,
0.2266

93.7797, 0.3086,
0.3266

■ 34.4639, 0.1934,
0.2126

■ 99.7475, 0.3150,
0.3328

■ 31.9453, 0.1896,
0.2025

Harmonies

Analogous

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



59.9813, 0.2476, 0.3080



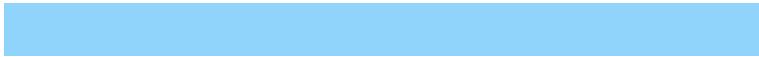
59.9813, 0.2468, 0.2822



59.9813, 0.2623, 0.2703

Triad

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



59.9813, 0.2468, 0.2822



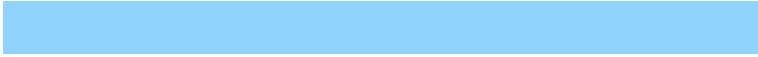
59.9813, 0.3620, 0.3138



59.9813, 0.3310, 0.3928

Complementary

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



59.9813, 0.2468, 0.2822



56.3943, 0.4059, 0.3706

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.



59.9813, 0.3635, 0.3905



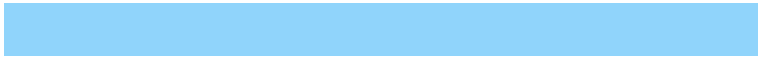
59.9813, 0.2468, 0.2822



59.9813, 0.3825, 0.3434

Square

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



59.9813, 0.2468, 0.2822



59.9813, 0.3279, 0.2887



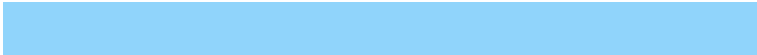
59.9813, 0.3828, 0.3714



59.9813, 0.2949, 0.3750

Rectangle

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



59.9813, 0.2468, 0.2822



59.9813, 0.2805, 0.2706



59.9813, 0.3828, 0.3714



59.9813, 0.3428, 0.3943

Sweetspot

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



59.9836, 0.2468, 0.2822



86.7767, 0.2925, 0.3166



78.2989, 0.2879, 0.4145



18.1256, 0.2890, 0.3144



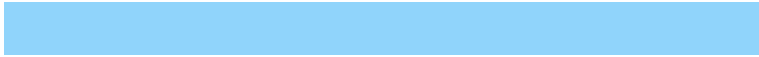
0.0000, 0.0000, 0.0000



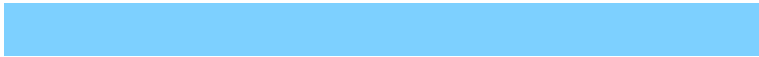
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9836, 0.2468, 0.2822



56.4894, 0.2349, 0.2711



38.0437, 0.2357, 0.2162



18.4822, 0.2980, 0.3201



17.0730, 0.1902, 0.2048



1.7829, 0.1948, 0.2213

Inverse Universe

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



45.2057, 0.3530, 0.2589



40.4486, 0.3643, 0.2460



81.9327, 0.3828, 0.4208



17.4109, 0.3194, 0.3140



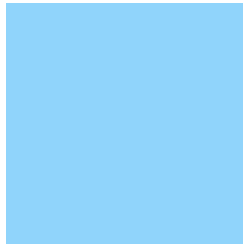
12.1344, 0.4399, 0.2197



1.1442, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 59.9813, 0.2468, 0.2822 looks on a white background.

Color Contrast Check

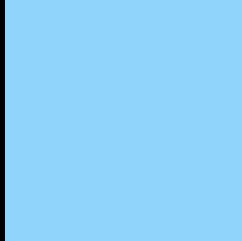
Large Text (above 18pt) WCAG AA × Fail

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 59.9813, 0.2468, 0.2822 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

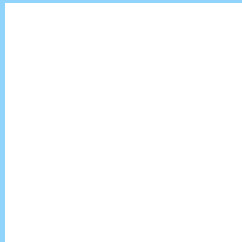
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9813, 0.2468, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 59.9813, 0.2468, 0.2822.

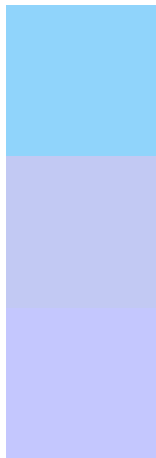


This preview shows how white text looks on a background with the Yxy color 59.9813, 0.2468, 0.2822.

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

59.9813, 0.2468, 0.2822

Protanopia

59.7137, 0.2795, 0.2814

Deuteranopia

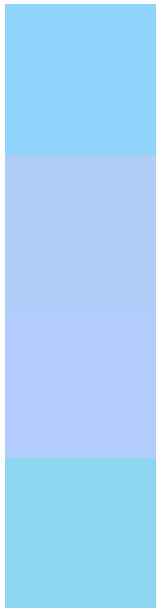
59.7384, 0.2740, 0.2680



Tritanopia

59.9160, 0.2543, 0.3077

Trichromacy



Original Color

59.9813, 0.2468, 0.2822

Protanomaly

59.5466, 0.2664, 0.2814

Deuteranomaly

59.6247, 0.2630, 0.2729

Tritanomaly

59.9878, 0.2516, 0.2982

Monochromacy



Original Color

59.9813, 0.2468, 0.2822

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.5460, 0.2848, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9813, 0.2468, 0.2822 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(144, 212, 251)` looks like.

```
.text, #text, p{  
    color:rgb(144, 212, 251)  
}
```

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(144, 212, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 212, 251) }
```

Border

The CSS property to change the border of an element to Yxy 59.9813, 0.2468, 0.2822 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(144, 212, 251) }
```

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

```
.border{ border-color:rgb(144, 212, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 212, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 212, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 212, 251);  
box-shadow:4px 4px 4px 4px rgb(144, 212,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9813, 0.2468, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 212, 251) }
```

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

```
.background{ background-color: rgb(144,  
212, 251) }
```

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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