

Converting Colors

Yxy(59.8647, 0.2517, 0.2860)

Have a look what the booklet for
Yxy(59.8647, 0.2517, 0.2860)
contains.

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Color

Yxy(59.7880, 0.2517, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	96D3F7
RGB	150, 211, 247
RGB Percent	59%, 83%, 97%
CMY	0.4119, 0.1725, 0.0314
CMYK	0.39, 0.15, 0.00, 0.03
HSL	202°, 86%, 78%
HSV	202°, 39%, 97%
XYZ	52.6544, 59.7880, 96.7528
YIQ	196.8650, -47.9120, -1.7360

Conversions

Conversions Part 2

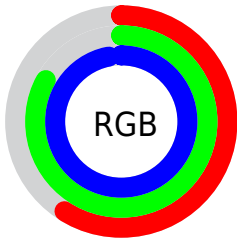
Format	Color
RYB	150, 187, 247
Decimal	9884663
CIELab	81.72, -10.57, -23.79
CIElCh	82, 26.034, 246.041
Yxy	59.7880, 0.2517, 0.2858
Android (android.graphics.Color)	4288074743 (0xFF96D3F7)
YUV	196.8650, 24.7166, -41.1006
Hunter-Lab	77.3227, -13.7616, -20.0628

Details

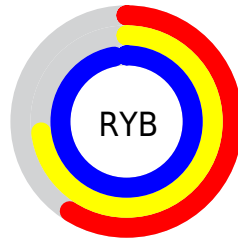
The Yxy color **59.7880, 0.2517, 0.2858** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.0699, 0.3959, 0.3680**, and the grayscale version is **55.6163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **29.9182, 0.2366, 0.2732** is the 20% darker color. If you saturate the color by 10%, you get **53.2669, 0.2372, 0.2725**, and if you desaturate by 10%, it is **67.0668, 0.2670, 0.2983**.

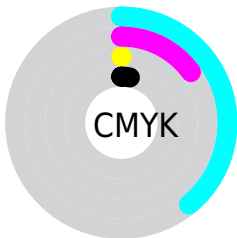
Distribution



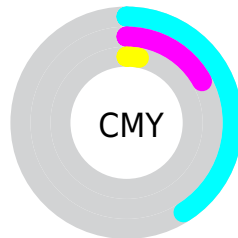
- Red (59%)
- Green (83%)
- Blue (97%)



- Red (59%)
- Yellow (73%)
- Blue (97%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)





- Cyan (41%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7880, 0.2517, 0.2858 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 59.7880, 0.2517, 0.2858 by changing the saturation by 10% instead.

 59.7880, 0.2517,
0.2858


 59.7880, 0.2517,
0.2858


423.8159, 0.2802,
0.3067

 43.2478, 0.2452,
0.2808


 104.5221, 0.2616,
0.2932

 30.0796, 0.2371,
0.2746


 133.4847, 0.2655,
0.2960

 19.8990, 0.2269,
0.2667


167.3570, 0.2688,
0.2985

 12.3216, 0.2136,
0.2560

206.5232, 0.2717,
0.3005

 6.9631, 0.1958,
0.2413

251.3678, 0.2742,
0.3024

 3.4391, 0.1707,
0.2197

302.2752, 0.2764,

 1.3650, 0.1339,

0.3040

0.1859

359.6298, 0.2784,
0.3054

0.1907, 0.0000,
0.0803

0.0000, 0.0000,
0.0000

59.7880, 0.2517,
0.2858

59.7880, 0.2517,
0.2858

53.2669, 0.2372,
0.2725

67.0668, 0.2670,
0.2983

47.4611, 0.2240,
0.2586

75.1290, 0.2826,
0.3097

42.3336, 0.2123,
0.2442

84.0076, 0.2983,
0.3202

37.8400, 0.2026,
0.2297

93.7310, 0.3138,
0.3296

■ 33.9285, 0.1950,
0.2153

■ 99.4949, 0.3174,
0.3367

■ 30.5217, 0.1894,
0.2013

■ 30.2900, 0.1890,
0.2003

Harmonies

Analogous

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



59.7880, 0.2524, 0.3097



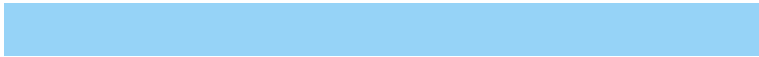
59.7880, 0.2517, 0.2858



59.7880, 0.2662, 0.2747

Triad

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



59.7880, 0.2517, 0.2858



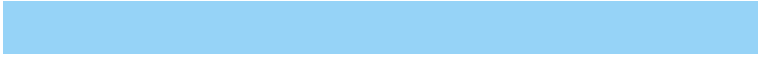
59.7880, 0.3582, 0.3151



59.7880, 0.3296, 0.3876

Complementary

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



59.7880, 0.2517, 0.2858



57.0699, 0.3959, 0.3680

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.



59.7880, 0.3596, 0.3858



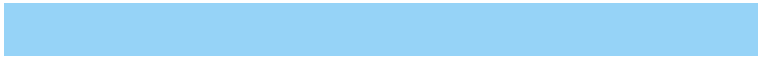
59.7880, 0.2517, 0.2858



59.7880, 0.3770, 0.3427

Square

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



59.7880, 0.2517, 0.2858



59.7880, 0.3270, 0.2917



59.7880, 0.3773, 0.3685



59.7880, 0.2963, 0.3711

Rectangle

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



59.7880, 0.2517, 0.2858



59.7880, 0.2831, 0.2749



59.7880, 0.3773, 0.3685



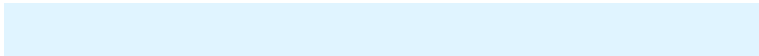
59.7880, 0.3405, 0.3890

Sweetspot

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



59.7903, 0.2517, 0.2858



87.6236, 0.2940, 0.3174



76.5232, 0.2887, 0.4043



18.4837, 0.2920, 0.3161



0.0000, 0.0000, 0.0000



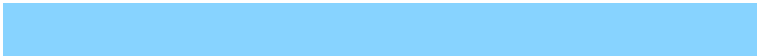
21.4041, 0.3127, 0.3290

Same Dimension

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



59.7903, 0.2517, 0.2858



58.7510, 0.2403, 0.2755



39.3568, 0.2423, 0.2247



17.6645, 0.2980, 0.3200



16.3017, 0.1896, 0.2027



1.6291, 0.1945, 0.2202

Inverse Universe

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



46.2792, 0.3494, 0.2650



43.3107, 0.3596, 0.2527



80.8507, 0.3764, 0.4152



16.6580, 0.3195, 0.3142



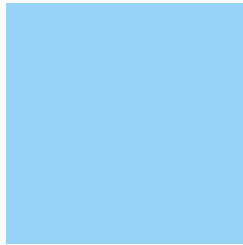
11.7450, 0.4423, 0.2210



1.0521, 0.4230, 0.2104

Previews

White Background



This preview shows how the Yxy color 59.7880, 0.2517, 0.2858 looks on a white background.

Color Contrast Check

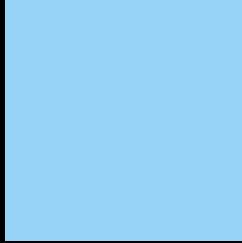
Large Text (above 18pt) WCAG AA × Fail

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 59.7880, 0.2517, 0.2858 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

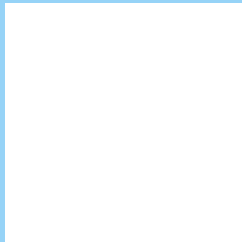
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.7880, 0.2517, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 59.7880, 0.2517, 0.2858.

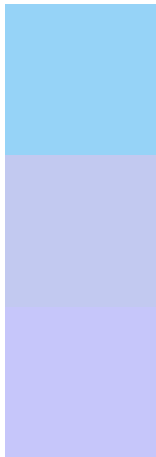


This preview shows how white text looks on a background with the Yxy color 59.7880, 0.2517, 0.2858.

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

59.7880, 0.2517, 0.2858

Protanopia

59.5339, 0.2813, 0.2845

Deuteranopia

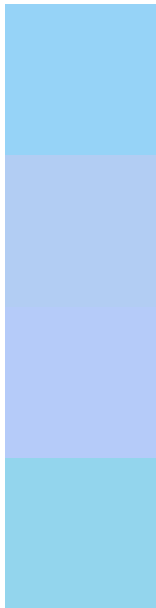
59.2961, 0.2777, 0.2711



Tritanopia

59.9736, 0.2583, 0.3078

Trichromacy



Original Color

59.7880, 0.2517, 0.2858

Protanomaly

59.5987, 0.2693, 0.2848

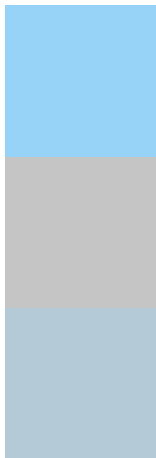
Deuteranomaly

59.3752, 0.2676, 0.2762

Tritanomaly

59.9060, 0.2556, 0.2995

Monochromacy



Original Color

59.7880, 0.2517, 0.2858

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.8507, 0.2875, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7880, 0.2517, 0.2858 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(150, 211, 247)` looks like.

```
.text, #text, p{  
    color:rgb(150, 211, 247)  
}
```

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(150, 211, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 211, 247) }
```

Border

The CSS property to change the border of an element to Yxy 59.7880, 0.2517, 0.2858 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(150, 211, 247) }
```

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

```
.border{ border-color:rgb(150, 211, 247) }
```

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

Here you see how a box with a 4 pixel rgb(150, 211, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 211, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 211, 247);  
box-shadow:4px 4px 4px 4px rgb(150, 211,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7880, 0.2517, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 211, 247) }
```

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

```
.background{ background-color: rgb(150,  
211, 247) }
```

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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