

Converting Colors

$Yxy(58.5309, 0.2481, 0.2788)$

Have a look what the booklet for
Yxy(58.5309, 0.2481, 0.2788)
contains.

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Color

Yxy(58.7061, 0.2482, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	93D1FA
RGB	147, 209, 250
RGB Percent	58%, 82%, 98%
CMY	0.4239, 0.1803, 0.0196
CMYK	0.41, 0.16, 0.00, 0.02
HSL	204°, 91%, 78%
HSV	204°, 41%, 98%
XYZ	52.0760, 58.7061, 99.0324
YIQ	195.1360, -50.1130, -0.3930

Conversions

Conversions Part 2

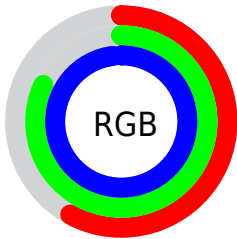
Format	Color
RYB	147, 186, 250
Decimal	9687546
CIELab	81.13, -9.53, -26.31
CIELCh	81, 27.983, 250.100
Yxy	58.7061, 0.2482, 0.2798
Android (android.graphics.Color)	4287877626 (0xFF93D1FA)
YUV	195.1360, 27.0480, -42.2153
Hunter-Lab	76.6199, -12.7644, -22.9993

Details

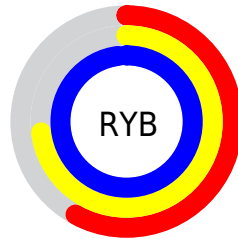
The Yxy color **58.7061, 0.2482, 0.2798** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.3486, 0.4002, 0.3728**, and the grayscale version is **54.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **29.5171, 0.2333, 0.2684** is the 20% darker color. If you saturate the color by 10%, you get **51.9183, 0.2336, 0.2653**, and if you desaturate by 10%, it is **66.3047, 0.2636, 0.2934**.

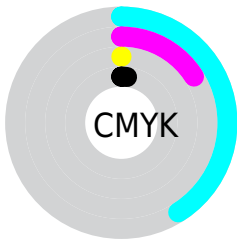
Distribution



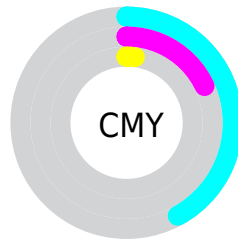
- Red (58%)
- Green (82%)
- Blue (98%)



- Red (58%)
- Yellow (73%)
- Blue (98%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)





- Cyan (42%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7061, 0.2482, 0.2798 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 58.7061, 0.2482, 0.2798 by changing the saturation by 10% instead.

 58.7061, 0.2482,
0.2798


 58.7061, 0.2482,
0.2798

419.8119, 0.2784,
0.3035

 42.3766, 0.2413,
0.2742


 102.9504, 0.2587,
0.2882

 29.3963, 0.2328,
0.2672


 131.6339, 0.2628,
0.2914

 19.3808, 0.2220,
0.2582


165.2043, 0.2663,
0.2942

 11.9458, 0.2080,
0.2463

204.0459, 0.2693,
0.2965

 6.7068, 0.1892,
0.2299

248.5430, 0.2720,
0.2986

 3.2794, 0.1630,
0.2062

299.0801, 0.2744,

 1.2793, 0.1251,

0.3004

0.1698

356.0416, 0.2765,
0.3021

0.1251, 0.0000,
0.0501

0.0000, 0.0000,
0.0000

58.7061, 0.2482,
0.2798

58.7061, 0.2482,
0.2798

51.9183, 0.2336,
0.2653

66.3047, 0.2636,
0.2934

45.8962, 0.2202,
0.2501

74.7426, 0.2794,
0.3060

40.5996, 0.2085,
0.2346

84.0548, 0.2952,
0.3175

35.9804, 0.1988,
0.2190

94.2722, 0.3108,
0.3278

■ 31.9818, 0.1913,
0.2036

■ 99.6825, 0.3156,
0.3338

■ 28.9143, 0.1863,
0.1906

Harmonies

Analogous

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



58.7061, 0.2467, 0.3038



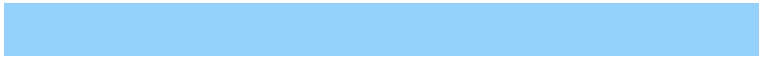
58.7061, 0.2482, 0.2798



58.7061, 0.2658, 0.2700

Triad

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



58.7061, 0.2482, 0.2798



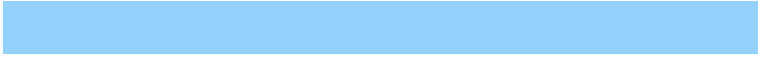
58.7061, 0.3657, 0.3178



58.7061, 0.3260, 0.3913

Complementary

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



58.7061, 0.2482, 0.2798



58.3486, 0.4002, 0.3728

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.



58.7061, 0.3594, 0.3918



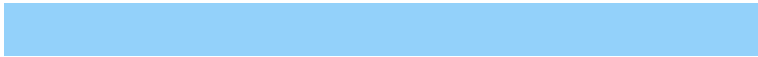
58.7061, 0.2482, 0.2798



58.7061, 0.3836, 0.3475

Square

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



58.7061, 0.2482, 0.2798



58.7061, 0.3330, 0.2918



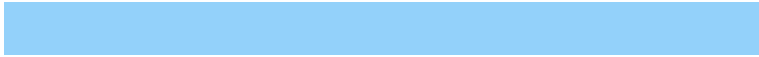
58.7061, 0.3810, 0.3747



58.7061, 0.2902, 0.3710

Rectangle

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



58.7061, 0.2482, 0.2798



58.7061, 0.2850, 0.2716



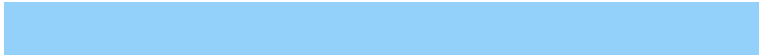
58.7061, 0.3810, 0.3747



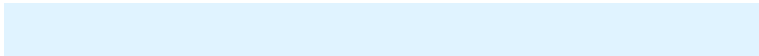
58.7061, 0.3379, 0.3938

Sweetspot

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



58.7083, 0.2482, 0.2798



87.1342, 0.2940, 0.3166



78.1324, 0.2869, 0.4067



18.3683, 0.2919, 0.3152



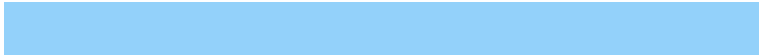
0.0000, 0.0000, 0.0000



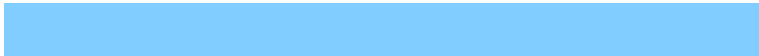
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7083, 0.2482, 0.2798



55.7902, 0.2367, 0.2685



37.8710, 0.2379, 0.2163



18.3829, 0.2980, 0.3193



15.6253, 0.1870, 0.1930



1.6542, 0.1919, 0.2109

Inverse Universe

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



45.7681, 0.3545, 0.2645



41.6623, 0.3659, 0.2528



83.5644, 0.3790, 0.4209



17.4009, 0.3199, 0.3148



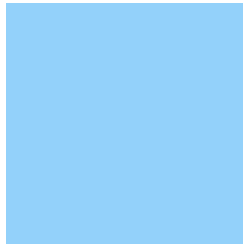
11.9883, 0.4533, 0.2271



1.1312, 0.4331, 0.2159

Previews

White Background



This preview shows how the Yxy color 58.7061, 0.2482, 0.2798 looks on a white background.

Color Contrast Check

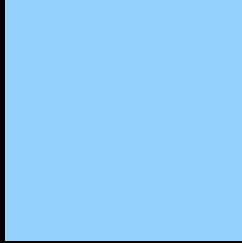
Large Text (above 18pt) WCAG AA × Fail

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 58.7061, 0.2482, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

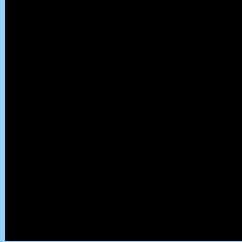
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

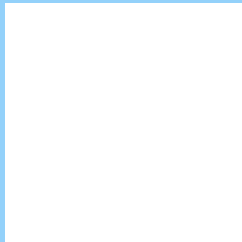
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7061, 0.2482, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 58.7061, 0.2482, 0.2798.



This preview shows how white text looks on a background with the Yxy color 58.7061, 0.2482, 0.2798.

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

58.7061, 0.2482, 0.2798

Protanopia

58.3943, 0.2773, 0.2788

Deuteranopia

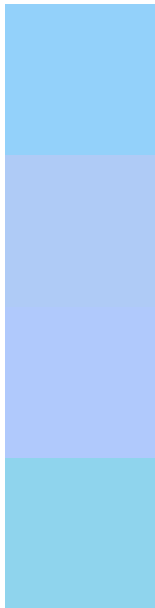
58.3618, 0.2724, 0.2664



Tritanopia

58.9644, 0.2560, 0.3076

Trichromacy



Original Color

58.7061, 0.2482, 0.2798

Protanomaly

58.4797, 0.2655, 0.2789

Deuteranomaly

58.0317, 0.2625, 0.2703

Tritanomaly

59.0410, 0.2532, 0.2981

Monochromacy



Original Color

58.7061, 0.2482, 0.2798

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6798, 0.2860, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7061, 0.2482, 0.2798 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(147, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(147, 209, 250)  
}
```

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(147, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 209, 250) }
```

Border

The CSS property to change the border of an element to Yxy 58.7061, 0.2482, 0.2798 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(147, 209, 250) }
```

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

```
.border{ border-color:rgb(147, 209, 250) }
```

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

Here you see how a box with a 4 pixel rgb(147, 209, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(147, 209,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7061, 0.2482, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 209, 250) }
```

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

```
.background{ background-color: rgb(147,  
209, 250) }
```

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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