

Converting Colors

XYZ(58.9146, 66.7746,
101.0129)

Have a look what the booklet for
XYZ(58.9146, 66.7746, 101.0129)
contains.

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Color

**XYZ(58.9949, 66.7849,
101.0482)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6DDFB |
| RGB | 166, 221, 251 |
| RGB Percent | 65%, 87%, 98% |
| CMY | 0.3490, 0.1333, 0.0157 |
| CMYK | 0.34, 0.12, 0.00, 0.02 |
| HSL | 201°, 91%, 82% |
| HSV | 201°, 34%, 98% |
| XYZ | 58.9949, 66.7849, 101.0482 |
| YIQ | 207.9750, -42.4100, -2.3300 |

Conversions

Conversions Part 2

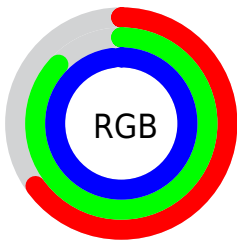
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 166, 199, 251 |
| Decimal | 10935803 |
| CIELab | 85.40, -10.54, -20.26 |
| CIELCh | 85, 22.840, 242.522 |
| Yxy | 66.7849, 0.2601, 0.2944 |
| Android (android.graphics.Color) | 4289125883 (0xFFA6DDFB) |
| YUV | 207.9750, 21.2113, -36.8121 |
| Hunter-Lab | 81.7220, -14.1549, -16.1059 |

Details

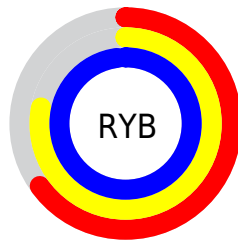
The XYZ color **58.9949, 66.7849, 101.0482** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.4076, 62.7432, 44.6888**, and the grayscale version is **59.8263, 62.9419, 68.5437**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **29.9294, 34.5470, 56.1297** is the 20% darker color. If you saturate the color by 10%, you get **51.9608, 59.7792, 100.0679**, and if you desaturate by 10%, it is **67.1833, 74.5720, 102.1208**.

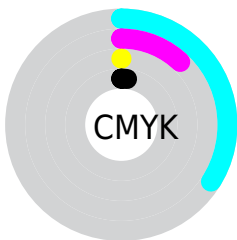
Distribution



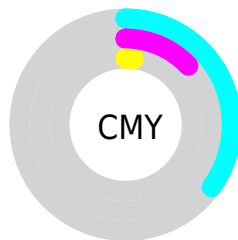
- Red (65%)
- Green (87%)
- Blue (98%)



- Red (65%)
- Yellow (78%)
- Blue (98%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9949, 66.7849, 101.0482 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 XYZ color 58.9949, 66.7849, 101.0482 by changing the saturation by 10% instead.

■ 58.9949, 66.7849,
101.0482

■ 58.9949, 66.7849,
101.0482

410.7774,
449.1787, 584.8235

■ 42.8554, 48.9098,
76.5545

■ 102.4849,
114.6121, 164.6613

■ 29.9657, 34.5480,
56.3779

■ 130.5661,
145.3331, 204.6178

■ 19.9605, 23.3149,
40.1000

163.3586,
181.1048, 250.5656

■ 12.4744, 14.8262,
27.3021

201.2277,
222.3117, 302.9233

■ 7.1421, 8.6975,
17.5658

244.5387,
269.3382, 362.1094

■ 3.5983, 4.5444,
10.4725

293.6571,

■ 1.4775, 1.9825,

322.5686, 428.5424

5.6037

348.9482,
382.3873, 502.6409

■ 0.3104, 0.5973,
2.5408

■ 0.0000, 0.0000,
0.8616

■ 58.9949, 66.7849,
101.0482

■ 58.9949, 66.7849,
101.0482

■ 51.9608, 59.7792,
100.0679

■ 67.1833, 74.5720,
102.1208

■ 46.0130, 53.5124,
99.1717

■ 76.5768, 83.1647,
103.2843

■ 41.0854, 47.9490,
98.3576

■ 87.2305, 92.5957,
104.5432

■ 37.1015, 43.0468,
97.6213

■ 94.4128, 99.7451,
105.5446

■ 33.9729, 38.7571,
96.9582

■ 31.5921, 35.0214,
96.3627

■ 30.4069, 32.9533,
96.0259

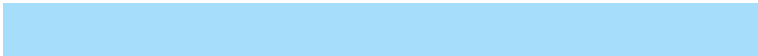
Harmonies

Analogous

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



55.4499, 66.7849, 89.1422



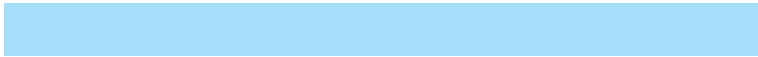
58.9949, 66.7849, 101.0482



63.9159, 66.7849, 105.0700

Triad

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



58.9949, 66.7849, 101.0482



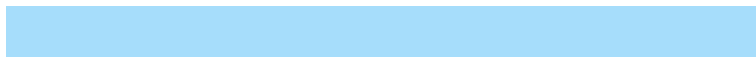
73.9476, 66.7849, 71.4705



58.2755, 66.7849, 51.2352

Complementary

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



58.9949, 66.7849, 101.0482



66.4076, 62.7432, 44.6888

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.



63.0402, 66.7849, 47.7980



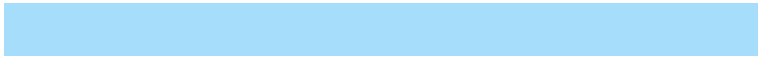
58.9949, 66.7849, 101.0482



72.2437, 66.7849, 58.4453

Square

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



58.9949, 66.7849, 101.0482



72.7221, 66.7849, 86.6772



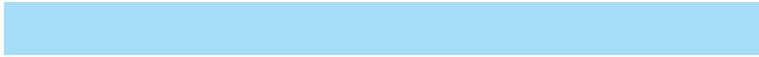
68.1806, 66.7849, 50.2486



55.0508, 66.7849, 60.3432

Rectangle

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



58.9949, 66.7849, 101.0482



67.3658, 66.7849, 102.3509



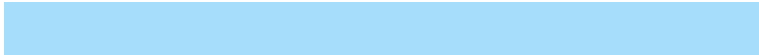
68.1806, 66.7849, 50.2486



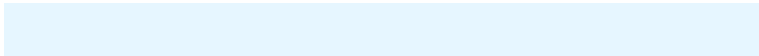
59.7409, 66.7849, 49.4389

Sweetspot

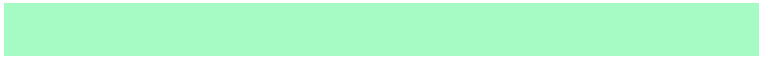
The Sweet Spot groups the original color and five complimentary colors.



58.9970, 66.7875, 101.0498



83.4788, 89.8722, 107.5550



60.1600, 81.0769, 64.5559



17.5429, 18.9470, 22.9825



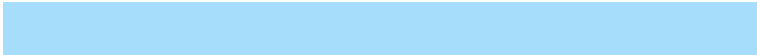
0.0000, 0.0000, 0.0000



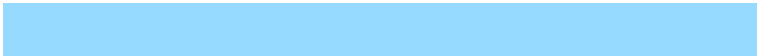
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9970, 66.7875, 101.0498



55.8086, 63.9426, 104.0085



49.2102, 47.2139, 97.7875



17.2202, 18.5173, 22.0519



16.1251, 17.6057, 50.5219



1.5931, 1.8299, 4.7124

Inverse Universe

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



66.4727, 53.0039, 75.1367



64.8866, 48.2839, 72.2996



77.3153, 84.5586, 48.3247



17.7177, 17.4144, 20.3692



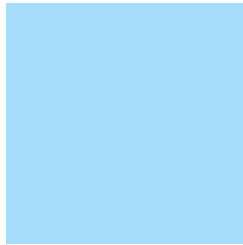
24.4312, 12.1882, 19.5110



2.3131, 1.1490, 2.0720

Previews

White Background



This preview shows how the XYZ color 58.9949, 66.7849, 101.0482 looks on a white background.

Color Contrast Check

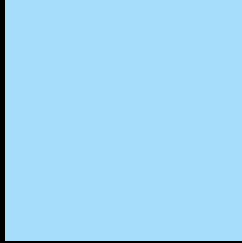
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 58.9949, 66.7849, 101.0482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

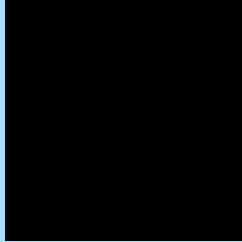
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9949, 66.7849, 101.0482

Background



This preview shows how black text looks on a background with the XYZ color 58.9949, 66.7849, 101.0482.



This preview shows how white text looks on a background with the XYZ color 58.9949, 66.7849,

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

58.9949, 66.7849, 101.0482

Protanopia

65.3555, 66.3856, 94.9570

Deuteranopia

67.8858, 66.4136, 103.0071



Tritanopia

57.5747, 67.0187, 93.1205

Trichromacy



Original Color

58.9949, 66.7849, 101.0482

Protanomaly

62.8272, 66.5227, 97.5245

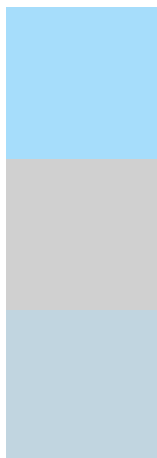
Deuteranomaly

64.2888, 66.4161, 102.3597

Tritanomaly

58.1198, 66.8345, 96.2233

Monochromacy



Original Color

58.9949, 66.7849, 101.0482

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2411, 64.3078, 79.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9949, 66.7849, 101.0482 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(166, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(166, 221, 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(166, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 221, 251) }
```

Border

The CSS property to change the border of an element to XYZ 58.9949, 66.7849, 101.0482 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(166, 221, 251) }
```


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

```
.border{ border-color:rgb(166, 221, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 221, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(166, 221,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9949, 66.7849, 101.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 221, 251) }
```

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

```
.background{ background-color: rgb(166,  
221, 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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