

Converting Colors

XYZ(58.9035, 69.3297,
104.2848)

Have a look what the booklet for
XYZ(58.9035, 69.3297, 104.2848)
contains.

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Color

**XYZ(58.9592, 69.5126,
104.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	9AE4FE
RGB	154, 228, 254
RGB Percent	60%, 89%, 100%
CMY	0.3961, 0.1059, 0.0039
CMYK	0.39, 0.10, 0.00, 0.00
HSL	196°, 98%, 80%
HSV	196°, 39%, 100%
XYZ	58.9592, 69.5126, 104.0757
YIQ	208.8380, -52.4500, -7.6020

Conversions

Conversions Part 2

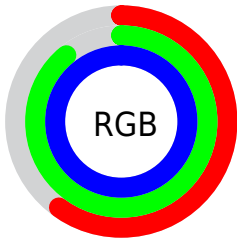
Format	Color
RYB	154, 197, 254
Decimal	10151166
CIELab	86.76, -16.50, -19.84
CIELCh	87, 25.805, 230.265
Yxy	69.5126, 0.2535, 0.2989
Android (android.graphics.Color)	4288341246 (0xFF9AE4FE)
YUV	208.8380, 22.2649, -48.0929
Hunter-Lab	83.3742, -19.6762, -15.6495

Details

The XYZ color **58.9592, 69.5126, 104.0757** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.0282, 56.0475, 38.0700**, and the grayscale version is **60.3846, 63.5292, 69.1834**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **29.9514, 36.4597, 58.2822** is the 20% darker color. If you saturate the color by 10%, you get **52.8452, 63.7166, 103.2804**, and if you desaturate by 10%, it is **66.1697, 75.9800, 104.9452**.

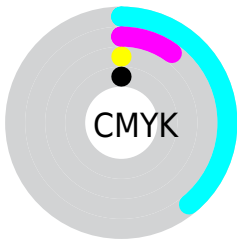
Distribution



- Red (60%)
- Green (89%)
- Blue (100%)



- Red (60%)
- Yellow (77%)
- Blue (100%)



- Cyan (39%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9592, 69.5126, 104.0757 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 58.9592, 69.5126, 104.0757 by changing the saturation by 10% instead.

■ 58.9592, 69.5126,
104.0757

■ 58.9592, 69.5126,
104.0757

410.6472,
458.8368, 594.5401

■ 42.8265, 51.1293,
79.0729

■ 102.4333,
118.5134, 168.8475

■ 29.9430, 36.3115,
58.4341

■ 130.5055,
149.8997, 209.4535

■ 19.9431, 24.6749,
41.7407

163.2882,
186.3891, 256.0978

■ 12.4617, 15.8350,
28.5743

201.1468,
228.3661, 309.1987

■ 7.1334, 9.4075,
18.5162

244.4466,
276.2149, 369.1748

■ 3.5927, 5.0079,
11.1480

293.5531,

■ 1.4744, 2.2519,

330.3200, 436.4448

6.0510

348.8315,
391.0659, 511.4270

■ 0.3083, 0.7481,
2.8068

■ 0.0000, 0.0000,
0.9969

■ 58.9592, 69.5126,
104.0757

■ 58.9592, 69.5126,
104.0757

■ 52.8452, 63.7166,
103.2804

■ 66.1697, 75.9800,
104.9452

■ 47.7553, 58.5490,
102.5512

■ 74.5304, 83.1429,
105.8871

■ 43.6185, 53.9734,
101.8861

■ 84.0989, 91.0336,
106.9059

■ 40.3511, 49.9455,
101.2808

94.7043, 99.5652,
107.9937

■ 37.8537, 46.4129,
100.7306

94.8896, 99.9358,
108.0555

■ 35.9748, 43.2963,
100.2281

■ 35.8655, 43.1077,
100.1974

Harmonies

Analogous

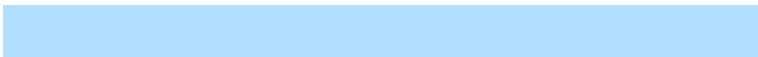
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.8177, 69.5126, 87.7301



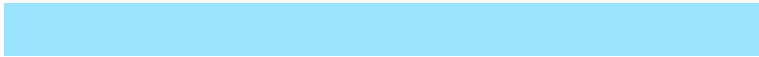
58.9592, 69.5126, 104.0757



64.1361, 69.5126, 113.1872

Triad

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



58.9592, 69.5126, 104.0757



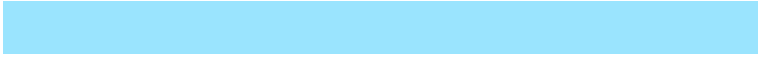
78.1175, 69.5126, 81.4187



62.1500, 69.5126, 48.7081

Complementary

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



58.9592, 69.5126, 104.0757



63.0282, 56.0475, 38.0700

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.



68.0416, 69.5126, 47.5465



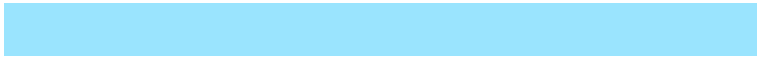
58.9592, 69.5126, 104.0757



77.5058, 69.5126, 64.8005

Square

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



58.9592, 69.5126, 104.0757



75.3540, 69.5126, 98.8583



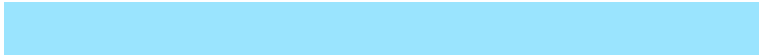
73.7299, 69.5126, 52.9966



57.5811, 69.5126, 56.4534

Rectangle

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



58.9592, 69.5126, 104.0757



68.1489, 69.5126, 113.1178



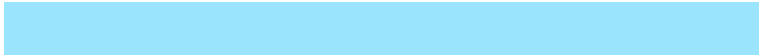
73.7299, 69.5126, 52.9966



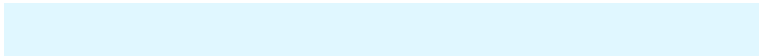
64.0331, 69.5126, 47.5854

Sweetspot

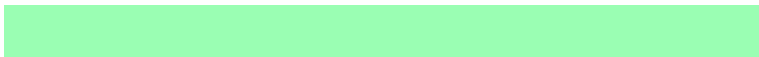
The Sweet Spot groups the original color and five complimentary colors.



58.9614, 69.5153, 104.0773



82.1890, 89.6801, 107.5859



56.9065, 81.0098, 55.2869



17.3159, 18.9690, 22.9987



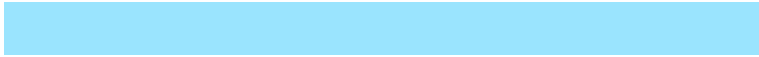
0.0000, 0.0000, 0.0000



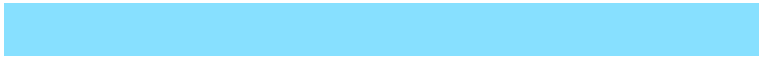
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9614, 69.5153, 104.0773



54.6788, 65.6094, 104.3897



47.3377, 46.2679, 100.2028



18.1317, 19.6351, 23.0843



19.0345, 22.9786, 52.8667



1.9419, 2.4145, 5.1770

Inverse Universe

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



66.4340, 49.7854, 79.5098



63.3579, 44.0030, 75.5623



74.7266, 79.4441, 41.9694



18.5791, 18.2150, 21.6669



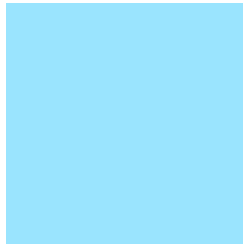
26.3959, 13.0477, 26.5332



2.6148, 1.2883, 2.8188

Previews

White Background



This preview shows how the XYZ color 58.9592, 69.5126, 104.0757 looks on a white background.

Color Contrast Check

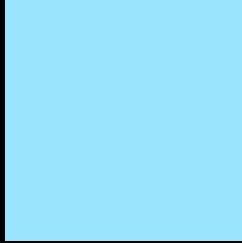
Large Text (above 18pt) WCAG AA × Fail

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 58.9592, 69.5126, 104.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

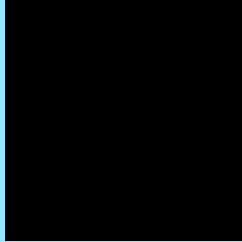
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9592, 69.5126, 104.0757

Background



This preview shows how black text looks on a background with the XYZ color 58.9592, 69.5126, 104.0757.

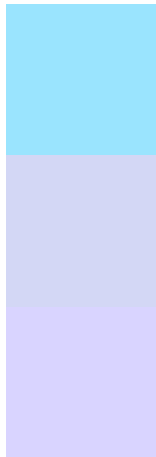


This preview shows how white text looks on a background with the XYZ color 58.9592, 69.5126,

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

58.9592, 69.5126, 104.0757

Protanopia

67.6458, 69.0423, 96.1474

Deuteranopia

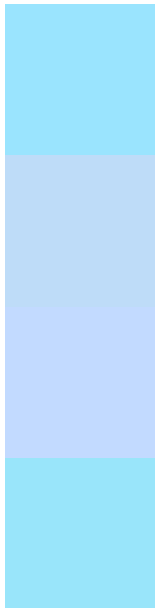
70.2088, 69.0587, 104.2370



Tritanopia

57.9115, 69.4913, 99.1678

Trichromacy



Original Color

58.9592, 69.5126, 104.0757

Protanomaly

63.7717, 68.9109, 98.7469

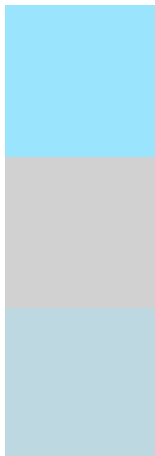
Deuteranomaly

65.3695, 68.8321, 104.4483

Tritanomaly

58.4115, 69.7131, 100.8198

Monochromacy



Original Color

58.9592, 69.5126, 104.0757

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.1327, 65.3668, 80.7346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9592, 69.5126, 104.0757 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(154, 228, 254)` looks like.

```
.text, #text, p{  
    color:rgb(154, 228, 254)  
}
```

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(154, 228, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 228, 254) }
```

Border

The CSS property to change the border of an element to XYZ 58.9592, 69.5126, 104.0757 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(154, 228, 254) }
```


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

```
.border{ border-color:rgb(154, 228, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 228, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 228, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 228, 254);  
box-shadow:4px 4px 4px 4px rgb(154, 228,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9592, 69.5126, 104.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 228, 254) }
```

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

```
.background{ background-color: rgb(154,  
228, 254) }
```

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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