

Converting Colors

XYZ(59.0247, 70.0150,
105.0111)

Have a look what the booklet for
XYZ(59.0247, 70.0150, 105.0111)
contains.

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Color

**XYZ(59.0182, 69.9340,
104.9958)**

Conversions

Conversions Part 1

Format	Color
Hex	98E5FF
RGB	152, 229, 255
RGB Percent	60%, 90%, 100%
CMY	0.4039, 0.1019, 0.0000
CMYK	0.40, 0.10, 0.00, 0.00
HSL	195°, 100%, 80%
HSV	195°, 40%, 100%
XYZ	59.0182, 69.9340, 104.9958
YIQ	208.9410, -54.2380, -8.2380

Conversions

Conversions Part 2

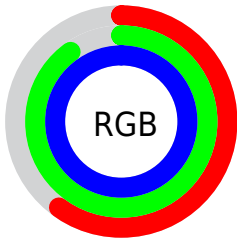
Format	Color
R_{YB}	152, 196, 255
Decimal	10020351
CIE _{Lab}	86.96, -17.25, -20.07
CIE _{LCh}	87, 26.459, 229.321
Yxy	69.9340, 0.2523, 0.2989
Android (android.graphics.Color)	4288210431 (0xFF98E5FF)
YUV	208.9410, 22.7071, -49.9373
Hunter-Lab	83.6266, -20.3727, -15.9019

Details

The XYZ color **59.0182, 69.9340, 104.9958** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **62.8284, 55.3682, 37.0834**, and the grayscale version is **60.4496, 63.5976, 69.2578**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **29.8559, 36.3973, 58.8779** is the 20% darker color. If you saturate the color by 10%, you get **53.0011, 64.2387, 104.2136**, and if you desaturate by 10%, it is **66.1311, 76.2955, 105.8488**.

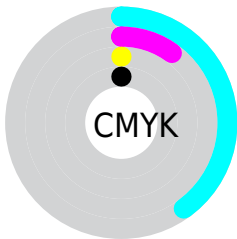
Distribution



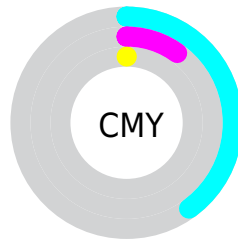
- Red (60%)
- Green (90%)
- Blue (100%)



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



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0182, 69.9340, 104.9958 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 59.0182, 69.9340, 104.9958 by changing the saturation by 10% instead.

■ 59.0182, 69.9340,
104.9958

■ 59.0182, 69.9340,
104.9958

410.8623,
460.3182, 597.4766

■ 42.8742, 51.4727,
79.8392

■ 102.5186,
119.1146, 170.1173

■ 29.9805, 36.5850,
59.0607

■ 130.6057,
150.6028, 210.9193

■ 19.9718, 24.8863,
42.2416

163.4045,
187.2020, 257.7735

■ 12.4827, 15.9924,
28.9635

201.2805,
229.2967, 311.0985

■ 7.1478, 9.5188,
18.8079

244.5989,
277.2713, 371.3127

■ 3.6019, 5.0811,
11.3562

293.7251,

■ 1.4795, 2.2949,

331.5102, 438.8348

6.1897

349.0244,
392.3977, 514.0832

■ 0.3118, 0.7710,
2.8901

■ 0.0000, 0.0000,
1.0388

■ 59.0182, 69.9340,
104.9958

■ 59.0182, 69.9340,
104.9958

■ 53.0011, 64.2387,
104.2136

■ 66.1311, 76.2955,
105.8488

■ 48.0069, 59.1661,
103.4977

■ 74.3952, 83.3478,
106.7744

■ 43.9627, 54.6791,
102.8448

■ 83.8688, 91.1238,
107.7760

■ 40.7828, 50.7326,
102.2506

■ 94.6046, 99.6515,
108.8562

■ 38.3648, 47.2725, 95.0500, 100.0000,
101.7102 108.9000

■ 36.6019, 44.3238,
101.2340

Harmonies

Analogous

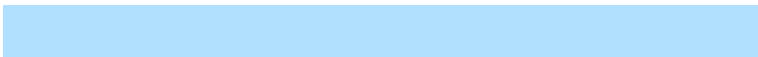
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.8705, 69.9340, 87.9759



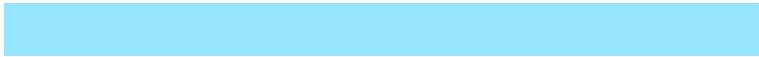
59.0182, 69.9340, 104.9958



64.2914, 69.9340, 114.7441

Triad

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



59.0182, 69.9340, 104.9958



78.8506, 69.9340, 82.6314



62.6138, 69.9340, 48.3232

Complementary

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



59.0182, 69.9340, 104.9958



62.8284, 55.3682, 37.0834

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.



68.6976, 69.9340, 47.3492



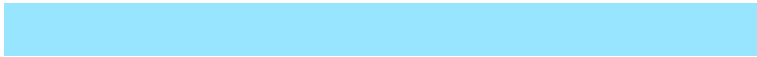
59.0182, 69.9340, 104.9958



78.3322, 69.9340, 65.4276

Square

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



59.0182, 69.9340, 104.9958



75.8999, 69.9340, 100.5653



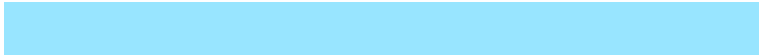
74.5244, 69.9340, 53.1339



57.8557, 69.9340, 56.0394

Rectangle

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



59.0182, 69.9340, 104.9958



68.4143, 69.9340, 114.9284



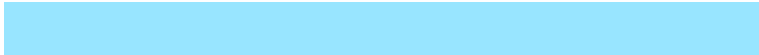
74.5244, 69.9340, 53.1339



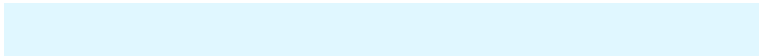
64.5632, 69.9340, 47.2472

Sweetspot

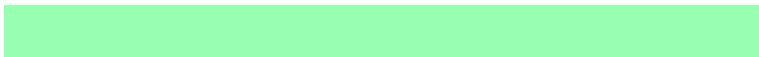
The Sweet Spot groups the original color and five complimentary colors.



59.0201, 69.9366, 104.9962



82.2600, 89.8221, 107.6096



56.7209, 81.4003, 54.7121



17.3327, 19.0026, 23.0043



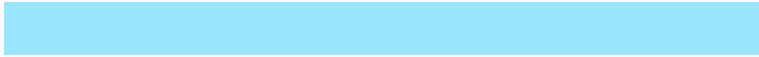
0.0000, 0.0000, 0.0000



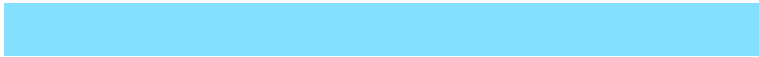
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0201, 69.9366, 104.9962



54.3440, 65.5424, 104.3945



46.8711, 45.6386, 100.9465



18.1439, 19.6594, 23.0883



19.2507, 23.4110, 52.9387



1.9614, 2.4535, 5.1835

Inverse Universe

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



66.6124, 49.3753, 80.1511



63.0418, 43.3133, 75.6342



74.9967, 79.7049, 41.1395



18.5853, 18.2174, 21.6991



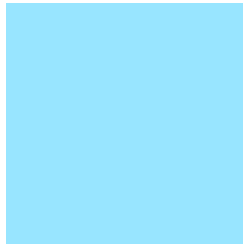
26.5051, 13.0913, 27.1079



2.6246, 1.2922, 2.8707

Previews

White Background



This preview shows how the XYZ color 59.0182, 69.9340, 104.9958 looks on a white background.

Color Contrast Check

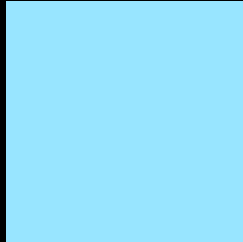
Large Text (above 18pt) WCAG AA × Fail

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 59.0182, 69.9340, 104.9958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

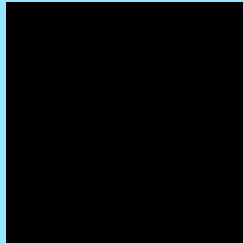
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0182, 69.9340, 104.9958

Background



This preview shows how black text looks on a background with the XYZ color 59.0182, 69.9340, 104.9958.

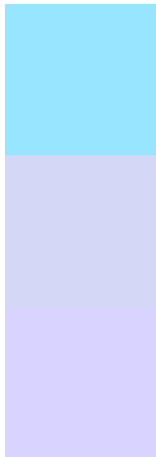


This preview shows how white text looks on a background with the XYZ color 59.0182, 69.9340,

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

59.0182, 69.9340, 104.9958

Protanopia

68.0864, 69.2517, 96.9672

Deuteranopia

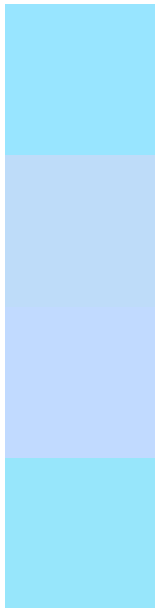
70.2088, 69.0587, 104.2370



Tritanopia

57.9734, 69.9172, 100.0624

Trichromacy



Original Color

59.0182, 69.9340, 104.9958

Protanomaly

63.9273, 68.9731, 99.5663

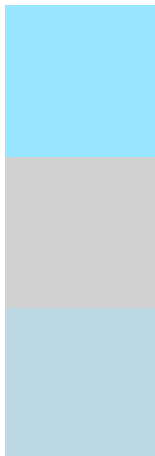
Deuteranomaly

65.1137, 68.7003, 104.4364

Tritanomaly

58.4719, 70.1380, 101.7230

Monochromacy



Original Color

59.0182, 69.9340, 104.9958

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.0224, 65.2941, 81.4437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0182, 69.9340, 104.9958 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(152, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 229, 255)  
}
```

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(152, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.0182, 69.9340, 104.9958 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(152, 229, 255) }
```


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

```
.border{ border-color:rgb(152, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0182, 69.9340, 104.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 229, 255) }
```

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

```
.background{ background-color: rgb(152,  
229, 255) }
```

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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