

Converting Colors

XYZ(100.1472, 93.0632,
304.0026)

Have a look what the booklet for
XYZ(100.1472, 93.0632, 304.0026)
contains.

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Color

**XYZ(62.7951, 78.3109,
106.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	95F4FF
RGB	149, 244, 255
RGB Percent	58%, 96%, 100%
CMY	0.4157, 0.0431, 0.0000
CMYK	0.42, 0.04, 0.00, 0.00
HSL	186°, 100%, 79%
HSV	186°, 42%, 100%
XYZ	62.7951, 78.3109, 106.4136
YIQ	216.8490, -60.1510, -16.7190

Conversions

Conversions Part 2

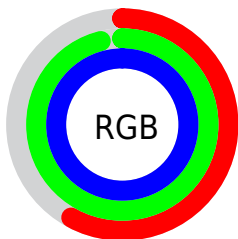
Format	Color
RYB	149, 199, 255
Decimal	9827583
CIELab	90.92, -25.39, -14.13
CIELCh	91, 29.058, 209.094
Yxy	78.3109, 0.2537, 0.3164
Android (android.graphics.Color)	4288017663 (0xFF95F4FF)
YUV	216.8490, 18.8084, -59.5036
Hunter-Lab	88.4934, -28.1996, -9.3510

Details

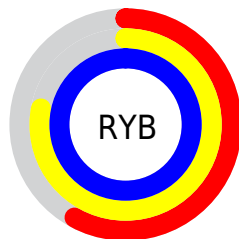
The XYZ color **62.7951, 78.3109, 106.4136** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.2361, 48.5719, 34.6890**, and the grayscale version is **65.7566, 69.1811, 75.3382**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **32.4906, 42.2678, 59.8721** is the 20% darker color. If you saturate the color by 10%, you get **57.8524, 74.5915, 105.9562**, and if you desaturate by 10%, it is **68.7719, 82.5841, 106.9234**.

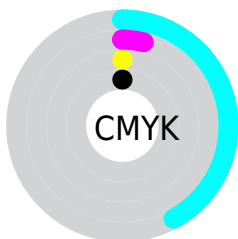
Distribution



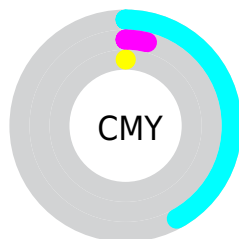
- Red (58%)
- Green (96%)
- Blue (100%)



- Red (58%)
- Yellow (78%)
- Blue (100%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7951, 78.3109, 106.4136 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 62.7951, 78.3109, 106.4136 by changing the saturation by 10% instead.

 62.7951, 78.3109,
106.4136


 62.7951, 78.3109,
106.4136


424.4970,
489.2220, 601.9868

 45.9335, 58.3294,
81.0209


 107.9573,
130.9883, 172.0718

 32.3977, 42.0735,
60.0277


 136.9886,
164.4530, 213.1744

 21.8225, 29.1589,
43.0155


170.8073,
203.1809, 260.3508

 13.8424, 19.2010,
29.5658

209.7785,
247.5564, 314.0193

 8.0921, 11.8156,
19.2600

254.2677,
297.9638, 374.5986

 4.2062, 6.6183,
11.6796

304.6403,

 1.8195, 3.2245,

354.7877, 442.5073

6.4060

361.2616,
418.4123, 518.1638

■ 0.5294, 1.2501,
3.0207

■ 0.0000, 0.1020,
1.1052

■ 62.7951, 78.3109,
106.4136

■ 62.7951, 78.3109,
106.4136

■ 57.8524, 74.5915,
105.9562

■ 68.7719, 82.5841,
106.9234

■ 53.8702, 71.3823,
105.5466

■ 75.8376, 87.4338,
107.4871

■ 50.7753, 68.6473,
105.1819

■ 84.0505, 92.8920,
108.1078

■ 48.4812, 66.3419,
104.8578

■ 93.4633, 98.9859,
108.7879

■ 46.8837, 64.4123,
104.5695

95.0500, 100.0000,
108.9000

■ 45.9440, 63.0080,
104.3480

Harmonies

Analogous

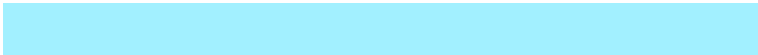
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.2239, 78.3109, 84.6310



62.7951, 78.3109, 106.4136



67.4324, 78.3109, 124.7523

Triad

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



62.7951, 78.3109, 106.4136



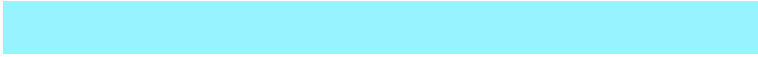
87.1771, 78.3109, 107.6994



74.6551, 78.3109, 50.9719

Complementary

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



62.7951, 78.3109, 106.4136



59.2361, 48.5719, 34.6890

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.



81.9003, 78.3109, 55.1398



62.7951, 78.3109, 106.4136



89.4153, 78.3109, 85.9067

Square

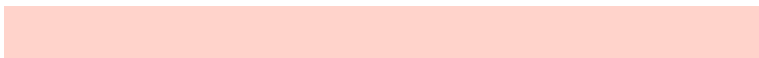
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



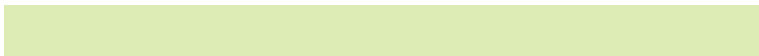
62.7951, 78.3109, 106.4136



81.4898, 78.3109, 125.5761



87.4248, 78.3109, 67.1261



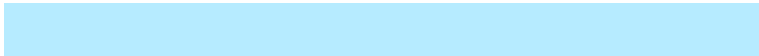
67.7943, 78.3109, 54.6642

Rectangle

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



62.7951, 78.3109, 106.4136



71.8000, 78.3109, 131.3036



87.4248, 78.3109, 67.1261



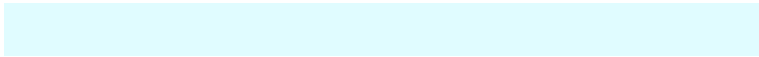
77.1279, 78.3109, 51.4868

Sweetspot

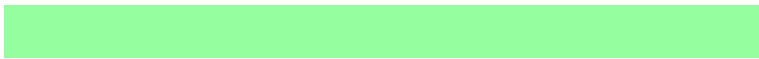
The Sweet Spot groups the original color and five complimentary colors.



62.7972, 78.3138, 106.4141



83.6702, 92.6426, 108.0797



54.4659, 80.4342, 45.7312



17.6663, 19.6699, 23.1155



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.



62.7972, 78.3138, 106.4141



58.5617, 75.1399, 106.0247



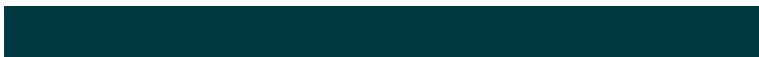
49.1641, 51.0476, 101.8697



18.3844, 20.1404, 23.1685



24.0720, 33.0535, 54.5458



2.3882, 3.3071, 5.3257

Inverse Universe

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



68.3180, 49.2883, 91.5041



64.8871, 42.9654, 88.6992



70.3594, 70.8185, 38.3967



18.7067, 18.2660, 22.3384



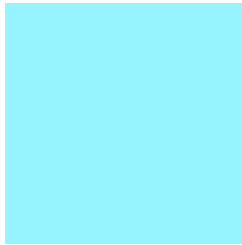
28.9386, 14.0647, 39.9227



2.8401, 1.3784, 4.0052

Previews

White Background



This preview shows how the XYZ color 62.7951, 78.3109, 106.4136 looks on a white background.

Color Contrast Check

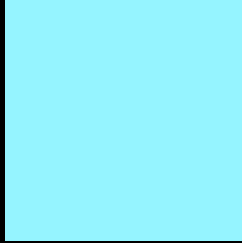
Large Text (above 18pt) WCAG AA × Fail

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 62.7951, 78.3109, 106.4136 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

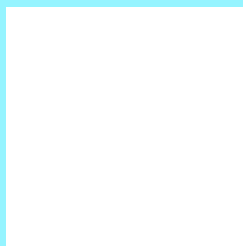
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7951, 78.3109, 106.4136

Background



This preview shows how black text looks on a background with the XYZ color 62.7951, 78.3109, 106.4136.

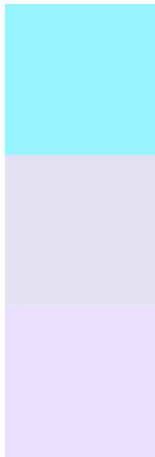


This preview shows how white text looks on a background with the XYZ color 62.7951, 78.3109,

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

62.7951, 78.3109, 106.4136

Protanopia

75.2040, 77.2553, 96.5360

Deuteranopia

78.3694, 77.4878, 105.4339



Tritanopia

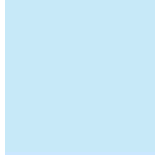
66.2233, 78.3108, 106.2329

Trichromacy



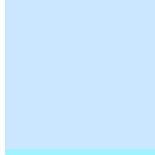
Original Color

62.7951, 78.3109, 106.4136



Protanomaly

69.6354, 77.1973, 100.0373



Deuteranomaly

71.2545, 77.0683, 105.7279



Tritanomaly

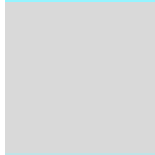
64.8151, 78.0231, 106.2516

Monochromacy



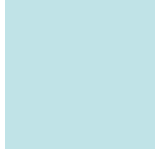
Original Color

62.7951, 78.3109, 106.4136



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.6311, 71.9142, 86.1284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7951, 78.3109, 106.4136 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(149, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 244, 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(149, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.7951, 78.3109, 106.4136 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(149, 244, 255) }
```


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

```
.border{ border-color:rgb(149, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7951, 78.3109, 106.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 244, 255) }
```

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

```
.background{ background-color: rgb(149,  
244, 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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