

Converting Colors

XYZ(76.7969, 84.2057,
180.3022)

Have a look what the booklet for
XYZ(76.7969, 84.2057, 180.3022)
contains.

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Color

**XYZ(62.9152, 78.8207,
106.5057)**

Conversions

Conversions Part 1

Format	Color
Hex	94F5FF
RGB	148, 245, 255
RGB Percent	58%, 96%, 100%
CMY	0.4196, 0.0392, 0.0000
CMYK	0.42, 0.04, 0.00, 0.00
HSL	186°, 100%, 79%
HSV	186°, 42%, 100%
XYZ	62.9152, 78.8207, 106.5057
YIQ	217.1370, -61.0220, -17.4540

Conversions

Conversions Part 2

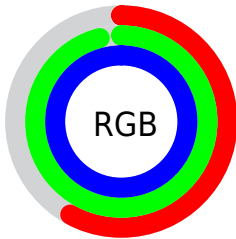
Format	Color
RYB	148, 199, 255
Decimal	9762303
CIELab	91.15, -26.11, -13.79
CIELCh	91, 29.528, 207.834
Yxy	78.8207, 0.2534, 0.3175
Android (android.graphics.Color)	4287952383 (0xFF94F5FF)
YUV	217.1370, 18.6665, -60.6331
Hunter-Lab	88.7810, -28.8717, -8.9802

Details

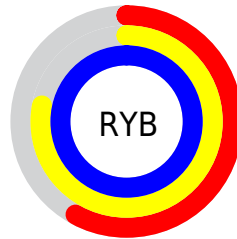
The XYZ color **62.9152, 78.8207, 106.5057** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.8127, 47.8524, 34.1558**, and the grayscale version is **65.9552, 69.3900, 75.5657**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **32.2961, 42.1675, 59.8630** is the 20% darker color. If you saturate the color by 10%, you get **58.0853, 75.2696, 106.0748**, and if you desaturate by 10%, it is **68.7746, 82.9200, 106.9881**.

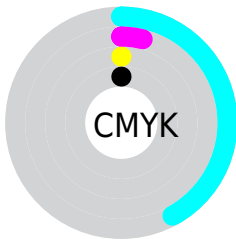
Distribution



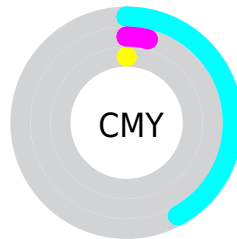
- Red (58%)
- Green (96%)
- Blue (100%)



- 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 62.9152, 78.8207, 106.5057 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 62.9152, 78.8207, 106.5057 by changing the saturation by 10% instead.

62.9152, 78.8207,
106.5057

62.9152, 78.8207,
106.5057

424.9262,
490.9496, 602.2791

46.0310, 58.7484,
81.0977

108.1297,
131.7064, 172.1987

32.4750, 42.4106,
60.0906

137.1906,
165.2886, 213.3208

21.8819, 29.4230,
43.0659

171.0412,
204.1429, 260.5180

13.8862, 19.4010,
29.6050

210.0468,
248.6537, 314.2088

8.1228, 11.9604,
19.2895

254.5728,
299.2054, 374.8117

4.2261, 6.7167,
11.7007

304.9844,

1.8308, 3.2856,

356.1823, 442.7454

6.4202

361.6471,
419.9689, 518.4284

■ 0.5361, 1.2826,
3.0293

■ 0.0000, 0.1277,
1.1096

■ 62.9152, 78.8207,
106.5057

■ 62.9152, 78.8207,
106.5057

■ 58.0853, 75.2696,
106.0748

■ 68.7746, 82.9200,
106.9881

■ 54.2109, 72.2229,
105.6909

■ 75.7183, 87.5904,
107.5236

■ 51.2187, 69.6447,
105.3510

■ 83.8051, 92.8638,
108.1153

■ 49.0214, 67.4899,
105.0509

■ 93.0875, 98.7676,
108.7656

■ 47.5140, 65.7043, 95.0500, 100.0000,
104.7857 108.9000

■ 46.6754, 64.4709,
104.5918

Harmonies

Analogous

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



61.4560, 78.8207, 84.2764



62.9152, 78.8207, 106.5057



67.5246, 78.8207, 125.5826

Triad

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



62.9152, 78.8207, 106.5057



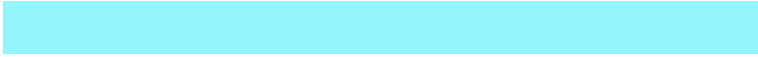
87.7501, 78.8207, 109.6471



75.4611, 78.8207, 50.9189

Complementary

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



62.9152, 78.8207, 106.5057



58.8127, 47.8524, 34.1558

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.



82.8296, 78.8207, 55.4882



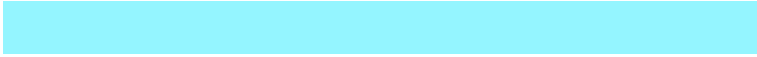
62.9152, 78.8207, 106.5057



90.2120, 78.8207, 87.3871

Square

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



62.9152, 78.8207, 106.5057



81.8279, 78.8207, 127.5979



88.3549, 78.8207, 68.0067



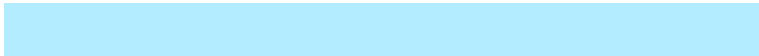
68.4061, 78.8207, 54.3333

Rectangle

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



62.9152, 78.8207, 106.5057



71.9292, 78.8207, 132.6615



88.3549, 78.8207, 68.0067



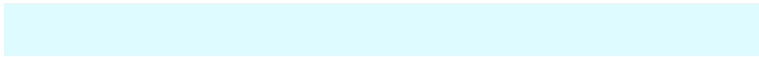
77.9858, 78.8207, 51.5533

Sweetspot

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



62.9173, 78.8237, 106.5061



82.9082, 92.2858, 108.0510



54.0528, 80.2480, 44.5036



17.3479, 19.4955, 23.0986



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.



62.9173, 78.8237, 106.5061



58.9541, 75.9246, 106.1555



49.2423, 51.4737, 101.9478



18.4012, 20.1741, 23.1741



24.4486, 33.8067, 54.6714



2.4210, 3.3727, 5.3367

Inverse Universe

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



68.3128, 49.0342, 92.2535



65.0851, 43.0446, 89.7421



69.7358, 69.6985, 37.7968



18.7152, 18.2694, 22.3833



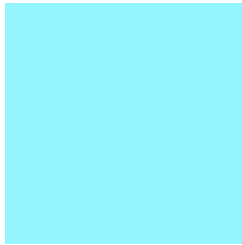
29.1287, 14.1408, 40.9237



2.8566, 1.3850, 4.0924

Previews

White Background



This preview shows how the XYZ color 62.9152, 78.8207, 106.5057 looks on a white background.

Color Contrast Check

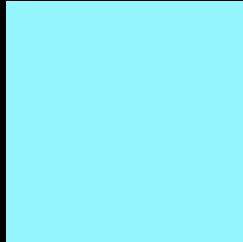
Large Text (above 18pt) WCAG AA × Fail

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 62.9152, 78.8207, 106.5057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

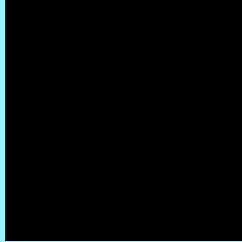
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9152, 78.8207, 106.5057

Background



This preview shows how black text looks on a background with the XYZ color 62.9152, 78.8207, 106.5057.

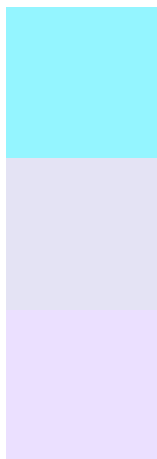


This preview shows how white text looks on a background with the XYZ color 62.9152, 78.8207,

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

62.9152, 78.8207, 106.5057

Protanopia

75.7931, 77.9638, 96.6417

Deuteranopia

78.9666, 78.1935, 105.5386



Tritanopia

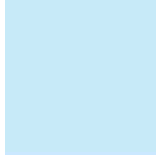
66.6656, 78.5388, 106.2536

Trichromacy



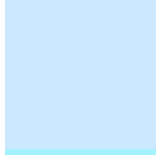
Original Color

62.9152, 78.8207, 106.5057



Protanomaly

69.9193, 77.7651, 100.1320



Deuteranomaly

71.5352, 77.6297, 105.8215



Tritanomaly

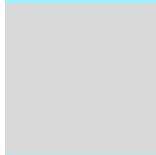
65.3192, 78.7236, 106.3602

Monochromacy



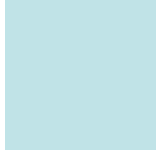
Original Color

62.9152, 78.8207, 106.5057



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 62.9152, 78.8207, 106.5057 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(148, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 245, 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(148, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.9152, 78.8207, 106.5057 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(148, 245, 255) }
```


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

```
.border{ border-color:rgb(148, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9152, 78.8207, 106.5057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 245, 255) }
```

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

```
.background{ background-color: rgb(148,  
245, 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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