

Converting Colors

XYZ(61.5375, 78.2603,
102.2312)

Have a look what the booklet for
XYZ(61.5375, 78.2603, 102.2312)
contains.

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Color

**XYZ(61.5848, 78.2267,
102.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	91F5FA
RGB	145, 245, 250
RGB Percent	57%, 96%, 98%
CMY	0.4314, 0.0392, 0.0196
CMYK	0.42, 0.02, 0.00, 0.02
HSL	183°, 91%, 77%
HSV	183°, 42%, 98%
XYZ	61.5848, 78.2267, 102.2959
YIQ	215.6700, -61.2050, -19.6450

Conversions

Conversions Part 2

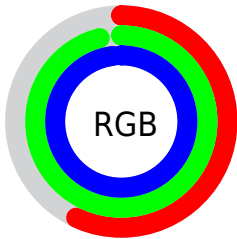
Format	Color
RYB	145, 196, 250
Decimal	9565690
CIELab	90.88, -28.04, -11.60
CIElCh	91, 30.347, 202.475
Yxy	78.2267, 0.2544, 0.3231
Android (android.graphics.Color)	4287755770 (0xFF91F5FA)
YUV	215.6700, 16.9247, -61.9776
Hunter-Lab	88.4459, -30.4908, -6.6623

Details

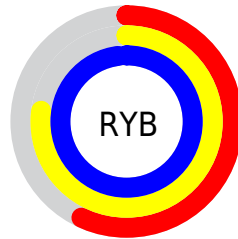
The XYZ color **61.5848, 78.2267, 102.2959** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.4428, 44.1822, 32.3958**, and the grayscale version is **64.9662, 68.3495, 74.4326**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **31.5586, 41.8399, 57.4515** is the 20% darker color. If you saturate the color by 10%, you get **57.2968, 75.4853, 101.9941**, and if you desaturate by 10%, it is **66.8490, 81.4785, 102.6475**.

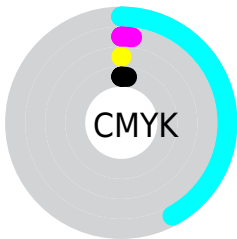
Distribution



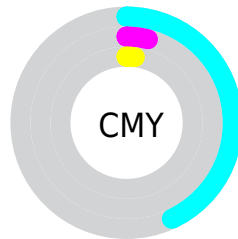
- Red (57%)
- Green (96%)
- Blue (98%)



- Red (57%)
- Yellow (77%)
- Blue (98%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5848, 78.2267, 102.2959 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 61.5848, 78.2267, 102.2959 by changing the saturation by 10% instead.

61.5848, 78.2267,
102.2959

61.5848, 78.2267,
102.2959

420.1567,
488.9364, 588.8382

44.9516, 58.2602,
77.5918

106.2186,
130.8696, 166.3880

31.6204, 42.0179,
57.2242

134.9498,
164.3149, 206.6131

21.2259, 29.1153,
40.7747

168.4445,
203.0219, 252.8490

13.4026, 19.1681,
27.8247

207.0680,
247.3750, 305.5141

7.7853, 11.7918,
17.9557

251.1856,
297.7586, 365.0270

4.0085, 6.6021,
10.7491

301.1627,

1.7069, 3.2145,

354.5571, 431.8063

5.7863

357.3646,
418.1549, 506.2705

■ 0.4606, 1.2447,
2.6489

■ 0.0000, 0.0978,
0.9175

■ 61.5848, 78.2267,
102.2959

■ 61.5848, 78.2267,
102.2959

■ 57.2968, 75.4853,
101.9941

■ 66.8490, 81.4785,
102.6475

■ 53.9136, 73.2119,
101.7336

■ 73.1409, 85.2617,
103.0461

■ 51.3657, 71.3726,
101.5129

■ 80.5165, 89.6070,
103.4961

■ 49.5701, 69.9245,
101.3280

■ 89.0259, 94.5402,
103.9998

■ 48.4266, 68.8160,
101.1743

■ 92.9783, 97.1277,
104.2909

■ 47.8600, 68.1110,
101.0681

■ 93.3511, 97.8733,
104.4152

■ 93.7263, 98.6236,
104.5402

■ 94.1038, 99.3786,
104.6660

■ 94.2556, 99.6822,
104.7167

Harmonies

Analogous

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



60.7162, 78.2267, 79.7831



61.5848, 78.2267, 102.2959



65.7569, 78.2267, 123.0969

Triad

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



61.5848, 78.2267, 102.2959



86.6244, 78.2267, 113.4633



76.2929, 78.2267, 49.8985

Complementary

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



61.5848, 78.2267, 102.2959



55.4428, 44.1822, 32.3958

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.



83.6656, 78.2267, 55.9716



61.5848, 78.2267, 102.2959



89.8905, 78.2267, 90.8058

Square

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



61.5848, 78.2267, 102.2959



80.1117, 78.2267, 130.2760



88.7723, 78.2267, 70.0807



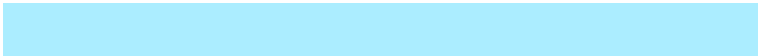
68.8755, 78.2267, 51.9089

Rectangle

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



61.5848, 78.2267, 102.2959



70.0150, 78.2267, 131.9332



88.7723, 78.2267, 70.0807



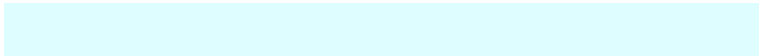
78.8648, 78.2267, 51.0205

Sweetspot

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



61.5871, 78.2298, 102.2977



83.3870, 93.2433, 108.2105



51.2493, 76.5466, 40.3007



17.4676, 19.7347, 23.1385



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.



61.5871, 78.2298, 102.2977



60.7316, 79.4795, 106.7479



48.2260, 51.5074, 97.8440



17.6909, 19.4586, 22.2088



25.4173, 36.1901, 53.6193



2.3753, 3.3942, 4.9731

Inverse Universe

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



66.0331, 47.1694, 92.0138



65.9823, 43.4035, 94.4665



65.4235, 64.1435, 35.7227



17.9553, 17.5095, 21.6201



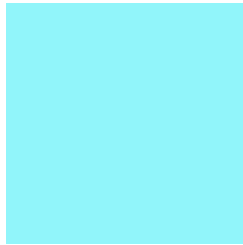
29.1215, 14.0643, 44.2096



2.7079, 1.3069, 4.1509

Previews

White Background



This preview shows how the XYZ color 61.5848, 78.2267, 102.2959 looks on a white background.

Color Contrast Check

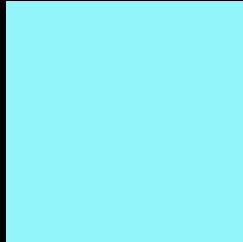
Large Text (above 18pt) WCAG AA × Fail

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 61.5848, 78.2267, 102.2959 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 61.5848, 78.2267, 102.2959

Background



This preview shows how black text looks on a background with the XYZ color 61.5848, 78.2267, 102.2959.

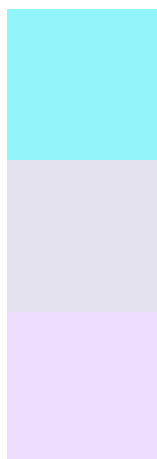


This preview shows how white text looks on a background with the XYZ color 61.5848, 78.2267,

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

61.5848, 78.2267, 102.2959

Protanopia

74.7713, 77.1187, 92.6059

Deuteranopia

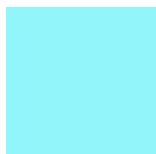
79.0963, 77.4671, 105.3916



Tritanopia

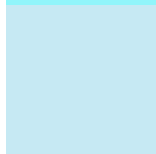
66.0047, 78.1981, 106.2227

Trichromacy



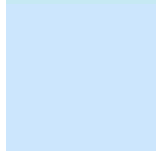
Original Color

61.5848, 78.2267, 102.2959



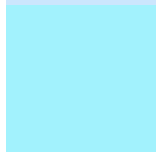
Protanomaly

68.6053, 76.7547, 95.9933



Deuteranomaly

70.9283, 76.5228, 103.9606



Tritanomaly

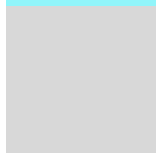
64.3820, 78.2775, 104.6443

Monochromacy



Original Color

61.5848, 78.2267, 102.2959



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.7079, 71.4868, 83.8921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5848, 78.2267, 102.2959 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(145, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 245, 250)  
}
```

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(145, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 245, 250) }
```

Border

The CSS property to change the border of an element to XYZ 61.5848, 78.2267, 102.2959 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(145, 245, 250) }
```


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

```
.border{ border-color:rgb(145, 245, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 245,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5848, 78.2267, 102.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 245, 250) }
```

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

```
.background{ background-color: rgb(145,  
245, 250) }
```

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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