

Converting Colors

XYZ(61.3183, 78.1946, 97.6122)

Have a look what the booklet for
XYZ(61.3183, 78.1946, 97.6122)
contains.

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Color

**XYZ(61.3760, 78.2260,
97.4522)**

Conversions

Conversions Part 1

Format	Color
Hex	95F5F4
RGB	149, 245, 244
RGB Percent	58%, 96%, 96%
CMY	0.4157, 0.0392, 0.0431
CMYK	0.39, 0.00, 0.00, 0.04
HSL	179°, 83%, 77%
HSV	179°, 39%, 96%
XYZ	61.3760, 78.2260, 97.4522
YIQ	216.1820, -56.8950, -20.6630

Conversions

Conversions Part 2

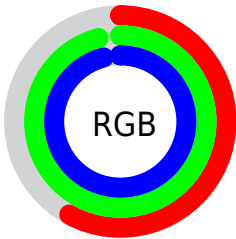
Format	Color
RYB	149, 197, 245
Decimal	9827828
CIELab	90.88, -28.53, -8.46
CIElCh	91, 29.758, 196.516
Yxy	78.2260, 0.2589, 0.3300
Android (android.graphics.Color)	4288017908 (0xFF95F5F4)
YUV	216.1820, 13.7143, -58.9186
Hunter-Lab	88.4455, -30.9110, -3.4159

Details

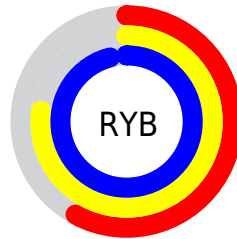
The XYZ color **61.3760, 78.2260, 97.4522** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.9114, 43.1118, 34.3371**, and the grayscale version is **65.3335, 68.7359, 74.8534**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **31.3747, 41.8214, 53.9957** is the 20% darker color. If you saturate the color by 10%, you get **57.3295, 76.1463, 97.0619**, and if you desaturate by 10%, it is **66.3674, 80.7966, 97.8905**.

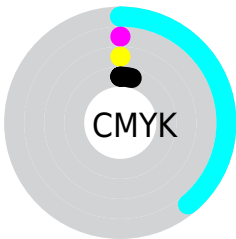
Distribution



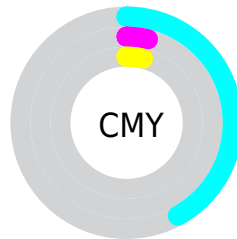
- Red (58%)
- Green (96%)
- Blue (96%)



- Red (58%)
- Yellow (77%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3760, 78.2260, 97.4522 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 61.3760, 78.2260, 97.4522 by changing the saturation by 10% instead.

61.3760, 78.2260,
97.4522

61.3760, 78.2260,
97.4522

419.4052,
488.9340, 573.1697

44.7824, 58.2596,
73.5695

105.9182,
130.8687, 159.6727

31.4866, 42.0174,
53.9471

134.5975,
164.3138, 198.8476

21.1233, 29.1149,
38.1665

168.0360,
203.0206, 243.9569

13.3271, 19.1678,
25.8091

206.5992,
247.3735, 295.4193

7.7327, 11.7916,
16.4564

250.6524,
297.7569, 353.6532

3.9748, 6.6019,
9.6898


300.5608,


1.6879, 3.2144,


354.5552, 419.0772


5.0909


356.6900,
418.1528, 492.1098


 0.4487, 1.2447,
2.2410


 0.0000, 0.0977,
0.6979


 61.3760, 78.2260,
97.4522


 61.3760, 78.2260,
97.4522


 57.3295, 76.1463,
97.0619


 66.3674, 80.7966,
97.8905


 54.1614, 74.5176,
96.7112

 72.3510, 83.8767,
98.3737

 51.8079, 73.3088,
96.3989

 79.3792, 87.4954,
98.9062

 50.1934, 72.4810,
96.1216

 87.4989, 91.6767,
99.4900

■ 49.2284, 71.9879,
95.8748

■ 90.4180, 93.1771,
99.8307

■ 48.7759, 71.7591,
95.6524

■ 90.4572, 93.1927,
100.0369

■ 48.7477, 71.7450,
95.6346

■ 90.4964, 93.2084,
100.2433

■ 90.5357, 93.2241,
100.4501

■ 90.5750, 93.2399,
100.6572

Harmonies

Analogous

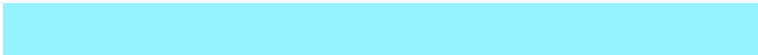
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.2025, 78.2260, 75.9115



61.3760, 78.2260, 97.4522



64.8710, 78.2260, 118.7587

Triad

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



61.3760, 78.2260, 97.4522



85.3029, 78.2260, 116.8417



77.7617, 78.2260, 51.0206

Complementary

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



61.3760, 78.2260, 97.4522



53.9114, 43.1118, 34.3371

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.



84.7133, 78.2260, 58.6066



61.3760, 78.2260, 97.4522



89.2605, 78.2260, 95.1626

Square

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



61.3760, 78.2260, 97.4522



78.5231, 78.2260, 131.1756



89.0378, 78.2260, 73.9745



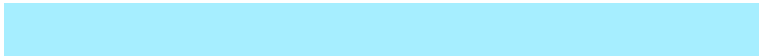
70.3302, 78.2260, 51.4233

Rectangle

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



61.3760, 78.2260, 97.4522



68.7567, 78.2260, 128.9017



89.0378, 78.2260, 73.9745



80.2418, 78.2260, 52.6582

Sweetspot

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



61.3783, 78.2291, 97.4540



84.6232, 94.6307, 108.1437



50.7681, 74.0189, 40.0470



17.8923, 20.1413, 23.1306



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

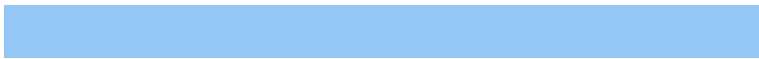
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3783, 78.2291, 97.4540



63.6249, 83.8230, 106.3809



49.2098, 53.6478, 94.1510



16.9888, 18.7547, 21.2255



26.2639, 38.6504, 51.5368



2.3107, 3.3979, 4.5421

Inverse Universe

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



53.9114, 43.1118, 34.3371



54.3975, 40.4188, 28.3770



62.6887, 60.7950, 36.8662



16.5062, 16.4853, 17.1462



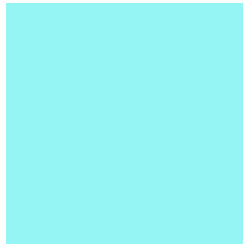
20.2968, 10.4622, 1.0055



1.7863, 0.9205, 0.1011

Previews

White Background



This preview shows how the XYZ color 61.3760, 78.2260, 97.4522 looks on a white background.

Color Contrast Check

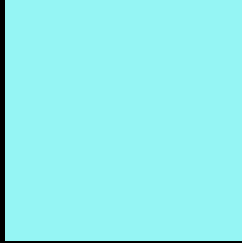
Large Text (above 18pt) WCAG AA × Fail

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 61.3760, 78.2260, 97.4522 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 61.3760, 78.2260, 97.4522

Background



This preview shows how black text looks on a background with the XYZ color 61.3760, 78.2260, 97.4522.

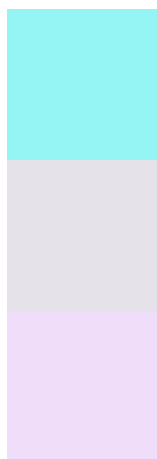


This preview shows how white text looks on a background with the XYZ color 61.3760, 78.2260,

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

61.3760, 78.2260, 97.4522

Protanopia

74.5375, 77.0989, 88.0438

Deuteranopia

78.8905, 77.0777, 100.3420



Tritanopia

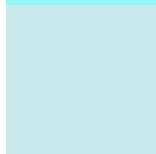
66.1501, 77.8372, 106.1454

Trichromacy



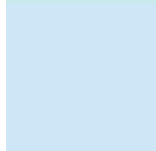
Original Color

61.3760, 78.2260, 97.4522



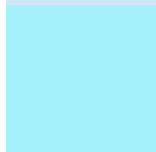
Protanomaly

68.5124, 76.8098, 91.3355



Deuteranomaly

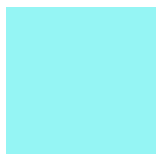
70.8174, 76.5744, 99.0436



Tritanomaly

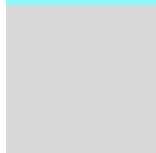
64.1777, 77.7681, 102.8950

Monochromacy



Original Color

61.3760, 78.2260, 97.4522



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.9348, 71.6356, 82.4615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3760, 78.2260, 97.4522 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, 245, 244)` looks like.

```
.text, #text, p{  
    color:rgb(149, 245, 244)  
}
```

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, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 245, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.3760, 78.2260, 97.4522 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, 245, 244) }
```


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

```
.border{ border-color:rgb(149, 245, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 245, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(149, 245,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3760, 78.2260, 97.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 245, 244) }
```

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

```
.background{ background-color: rgb(149,  
245, 244) }
```

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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