

Converting Colors

XYZ(61.5038, 78.1576, 81.0666)

Have a look what the booklet for
XYZ(61.5038, 78.1576, 81.0666)
contains.

XYZ(61.4718, 78.1908, 80.9597)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.4718, 78.1908,
80.9597)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F4DE
RGB	167, 244, 222
RGB Percent	65%, 96%, 87%
CMY	0.3451, 0.0431, 0.1294
CMYK	0.32, 0.00, 0.09, 0.04
HSL	163°, 78%, 81%
HSV	163°, 32%, 96%
XYZ	61.4718, 78.1908, 80.9597
YIQ	218.4690, -38.8300, -23.1660

Conversions

Conversions Part 2

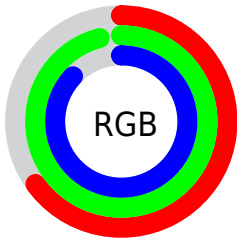
Format	Color
R _Y B	167, 212, 244
Decimal	11007198
CIE Lab	90.87, -28.24, 3.06
CIE LCh	91, 28.402, 173.807
Yxy	78.1908, 0.2786, 0.3544
Android (android.graphics.Color)	4289197278 (0xFFA7F4DE)
YUV	218.4690, 1.7408, -45.1383
Hunter-Lab	88.4256, -30.6549, 7.6138

Details

The XYZ color **61.4718, 78.1908, 80.9597** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **60.3149, 50.5466, 54.7246**, and the grayscale version is **66.9736, 70.4615, 76.7325**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **31.4275, 41.7754, 42.9663** is the 20% darker color. If you saturate the color by 10%, you get **55.8805, 75.4162, 75.9215**, and if you desaturate by 10%, it is **68.0786, 81.4886, 86.2505**.

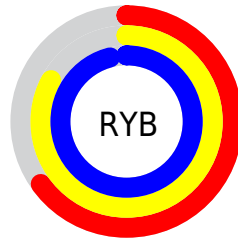
Distribution



Red (65%)

Green (96%)

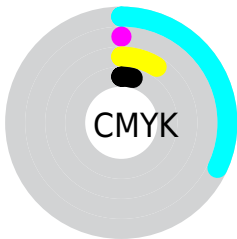
Blue (87%)



Red (65%)

Yellow (83%)

Blue (96%)

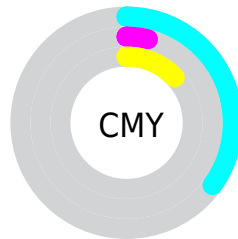


Cyan (32%)

Magenta (0%)

Yellow (9%)

Black (4%)



Cyan (35%)

Magenta (4%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4718, 78.1908, 80.9597 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 61.4718, 78.1908, 80.9597 by changing the saturation by 10% instead.


 61.4718, 78.1908,
80.9597


 61.4718, 78.1908,
80.9597


419.7501,
488.8146, 517.9530

 44.8600, 58.2307,
59.9776


 106.0560,
130.8191, 136.5377

 31.5480, 41.9942,
42.9754


 134.7592,
164.2560, 171.9708

 21.1704, 29.0967,
29.5346


168.2235,
202.9541, 213.0579

 13.3618, 19.1540,
19.2365

206.8143,
247.2976, 260.2175

 7.7568, 11.7816,
11.6628

250.8971,
297.6711, 313.8683

 3.9902, 6.5952,
6.3947

300.8370,

 1.6966, 3.2102,

354.4588, 374.4288

3.0139

356.9996,
418.0451, 442.3176

■ 0.4541, 1.2424,
1.1017

■ 0.0000, 0.0960,
0.0000

■ 61.4718, 78.1908,
80.9597

■ 61.4718, 78.1908,
80.9597

■ 55.8805, 75.4162,
75.9215

■ 68.0786, 81.4886,
86.2505

■ 51.2429, 73.1268,
71.1256

■ 75.7454, 85.3262,
91.7934

■ 47.5004, 71.2944,
66.5685

■ 84.5219, 89.7313,
97.5947

■ 44.5851, 69.8842,
62.2445

■ 90.8303, 92.8595,
103.4892

■ 42.4190, 68.8560,
58.1475

■ 91.6421, 93.1842,
107.7640

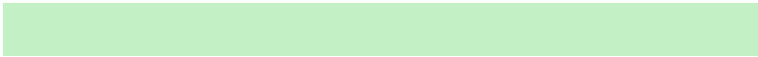
■ 40.9083, 68.1615,
54.2704

■ 40.0196, 67.7712,
51.1607

Harmonies

Analogous

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



63.7665, 78.1908, 63.9400



61.4718, 78.1908, 80.9597



62.4369, 78.1908, 102.0383

Triad

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



61.4718, 78.1908, 80.9597



80.0064, 78.1908, 126.4758



82.7348, 78.1908, 57.1518

Complementary

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



61.4718, 78.1908, 80.9597



60.3149, 50.5466, 54.7246

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.



87.6182, 78.1908, 70.2125



61.4718, 78.1908, 80.9597



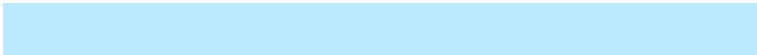
85.9736, 78.1908, 110.5653

Square

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



61.4718, 78.1908, 80.9597



72.8449, 78.1908, 130.5820



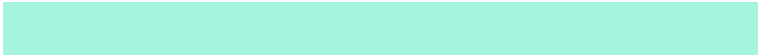
88.8397, 78.1908, 89.4545



75.8108, 78.1908, 51.6875

Rectangle

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



61.4718, 78.1908, 80.9597



64.8320, 78.1908, 115.4018



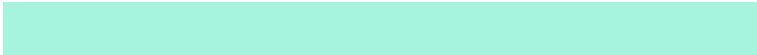
88.8397, 78.1908, 89.4545



84.6869, 78.1908, 60.6875

Sweetspot

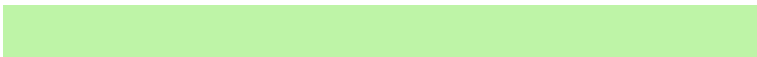
The Sweet Spot groups the original color and five complimentary colors.



61.4740, 78.1940, 80.9615



86.0669, 95.4890, 103.0621



60.5883, 78.4547, 48.5103



18.1315, 20.2929, 21.8622



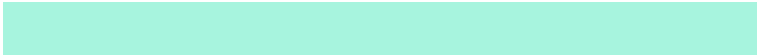
0.0000, 0.0000, 0.0000



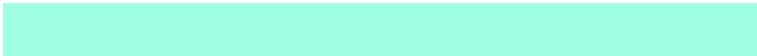
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4740, 78.1940, 80.9615



63.7884, 84.3625, 85.8203



60.1766, 70.5675, 96.0410



16.7830, 18.6723, 20.1416



21.8213, 36.8734, 28.1426



1.9620, 3.2585, 2.7058

Inverse Universe

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



60.3149, 50.5466, 54.7246



62.3244, 49.2840, 52.5645



61.0957, 55.6452, 44.0808



16.6938, 16.5604, 18.1342



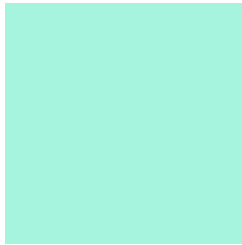
20.9332, 10.7167, 4.3565



1.8823, 0.9589, 0.6063

Previews

White Background



This preview shows how the XYZ color 61.4718, 78.1908, 80.9597 looks on a white background.

Color Contrast Check

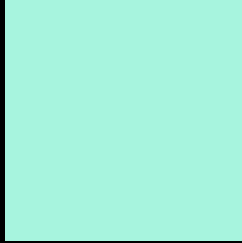
Large Text (above 18pt) WCAG AA × Fail

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 61.4718, 78.1908, 80.9597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

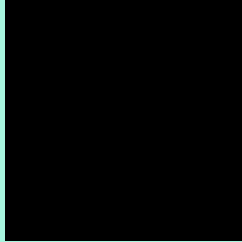
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

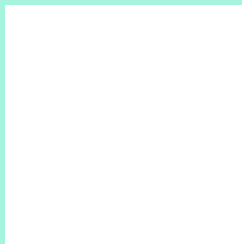
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4718, 78.1908, 80.9597

Background



This preview shows how black text looks on a background with the XYZ color 61.4718, 78.1908, 80.9597.

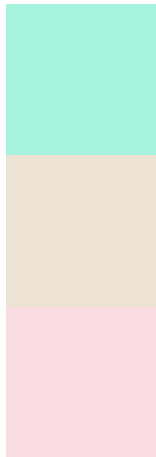


This preview shows how white text looks on a background with the XYZ color 61.4718, 78.1908,

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

61.4718, 78.1908, 80.9597

Protanopia

74.0714, 77.5751, 74.0203

Deuteranopia

79.1459, 77.5829, 83.4766



Tritanopia

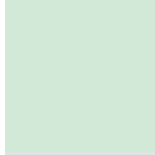
67.6806, 78.1928, 106.1333

Trichromacy



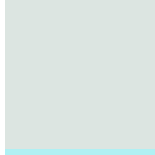
Original Color

61.4718, 78.1908, 80.9597



Protanomaly

68.3976, 77.0846, 76.2396



Deuteranomaly

71.1251, 76.6905, 82.2882



Tritanomaly

65.2422, 78.0213, 96.4150

Monochromacy



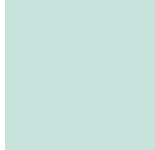
Original Color

61.4718, 78.1908, 80.9597



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.8085, 72.1948, 77.5898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4718, 78.1908, 80.9597 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(167, 244, 222)` looks like.

```
.text, #text, p{  
    color:rgb(167, 244, 222)  
}
```

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(167, 244, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 244, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.4718, 78.1908, 80.9597 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(167, 244, 222) }
```


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

```
.border{ border-color:rgb(167, 244, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 244, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 244, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 244, 222);  
box-shadow:4px 4px 4px 4px rgb(167, 244,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4718, 78.1908, 80.9597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 244, 222) }
```

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

```
.background{ background-color: rgb(167,  
244, 222) }
```

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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