

Converting Colors

XYZ(61.4171, 81.2212, 98.2471)

Have a look what the booklet for
XYZ(61.4171, 81.2212, 98.2471)
contains.

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Color

**XYZ(61.4561, 81.4708,
98.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	89FCF4
RGB	137, 252, 244
RGB Percent	54%, 99%, 96%
CMY	0.4627, 0.0117, 0.0431
CMYK	0.46, 0.00, 0.03, 0.01
HSL	176°, 95%, 76%
HSV	176°, 46%, 99%
XYZ	61.4561, 81.4708, 98.0743
YIQ	216.7030, -65.9720, -26.8680

Conversions

Conversions Part 2

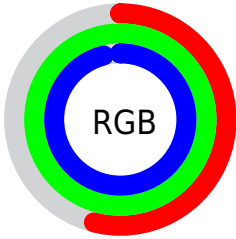
Format	Color
RYB	137, 197, 252
Decimal	9043188
CIELab	92.34, -34.63, -6.36
CIELCh	92, 35.205, 190.401
Yxy	81.4708, 0.2550, 0.3381
Android (android.graphics.Color)	4287233268 (0xFF89FCF4)
YUV	216.7030, 13.4574, -69.8995
Hunter-Lab	90.2612, -36.4218, -1.2394

Details

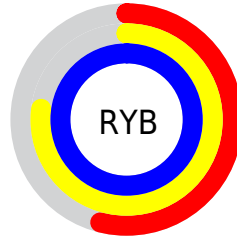
The XYZ color **61.4561, 81.4708, 98.0743** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.2042, 40.6336, 31.7773**, and the grayscale version is **65.6953, 69.1166, 75.2680**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **31.5727, 44.1976, 54.4439** is the 20% darker color. If you saturate the color by 10%, you get **57.5333, 79.4811, 96.5090**, and if you desaturate by 10%, it is **66.3508, 83.9652, 99.7019**.

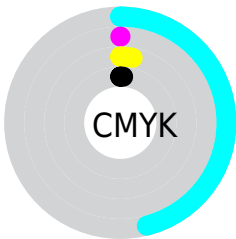
Distribution



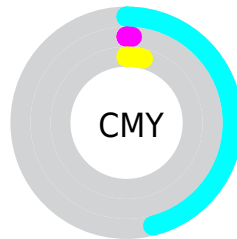
- Red (54%)
- Green (99%)
- Blue (96%)



- Red (54%)
- Yellow (77%)
- Blue (99%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (46%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4561, 81.4708, 98.0743 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 61.4561, 81.4708, 98.0743 by changing the saturation by 10% instead.


 61.4561, 81.4708,
98.0743


 61.4561, 81.4708,
98.0743


419.6936,
499.8758, 575.1947

 44.8473, 60.9294,
74.0854


 106.0334,
135.4316, 160.5370

 31.5379, 44.1682,
54.3667


 134.7327,
169.6199, 199.8479

 21.1626, 30.8028,
38.4998


168.1928,
209.1259, 245.1032

 13.3561, 20.4487,
26.0660

206.7791,
254.3340, 296.7215

 7.7529, 12.7216,
16.6468

250.8570,
305.6287, 355.1212

 3.9877, 7.2371,
9.8237

300.7918,

 1.6952, 3.6108,

363.3943, 420.7210

5.1781

356.9489,
428.0152, 493.9393

■ 0.4533, 1.4583,
2.2916

■ 0.0000, 0.2591,
0.7265

■ 61.4561, 81.4708,
98.0743

■ 61.4561, 81.4708,
98.0743

■ 57.5333, 79.4811,
96.5090

■ 66.3508, 83.9652,
99.7019

■ 54.5071, 77.9514,
94.9971

■ 72.2719, 86.9864,
101.3890

■ 52.3029, 76.8451,
93.5367

■ 79.2781, 90.5667,
103.1402

■ 50.8306, 76.1159,
92.1238

■ 87.4219, 94.7332,
104.9579

■ 49.9790, 75.7063,
90.7530

■ 93.7447, 97.9606,
106.7038

■ 49.7303, 75.5909,
90.1643

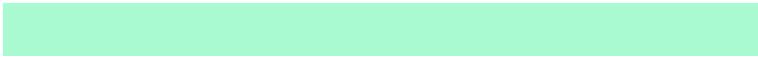
■ 94.0251, 98.0728,
108.1803

■ 94.1017, 98.1034,
108.5839

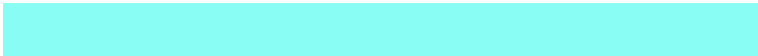
Harmonies

Analogous

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



62.0813, 81.4708, 72.9251



61.4561, 81.4708, 98.0743



64.8500, 81.4708, 125.3478

Triad

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



61.4561, 81.4708, 98.0743



89.3498, 81.4708, 132.6467



83.4598, 81.4708, 49.3508

Complementary

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



61.4561, 81.4708, 98.0743



54.2042, 40.6336, 31.7773

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.



91.5524, 81.4708, 60.0096



61.4561, 81.4708, 98.0743



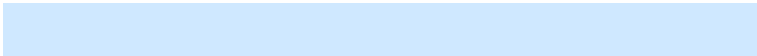
95.1332, 81.4708, 106.6178

Square

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



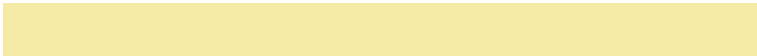
61.4561, 81.4708, 98.0743



80.6405, 81.4708, 147.7488



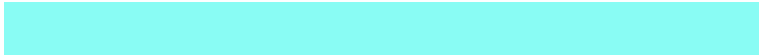
95.9694, 81.4708, 79.9576



74.3167, 81.4708, 47.9560

Rectangle

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



61.4561, 81.4708, 98.0743



69.1036, 81.4708, 139.8552



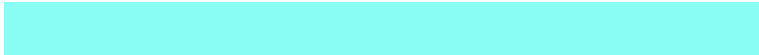
95.9694, 81.4708, 79.9576



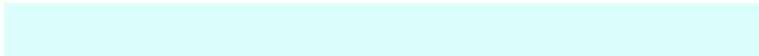
86.4117, 81.4708, 51.8536

Sweetspot

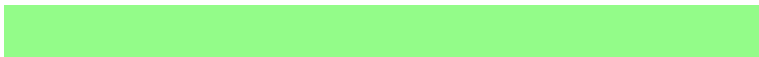
The Sweet Spot groups the original color and five complimentary colors.



61.4585, 81.4740, 98.0762



82.7163, 93.6877, 106.2485



51.2864, 77.5948, 35.9431



17.3426, 19.8678, 22.6567



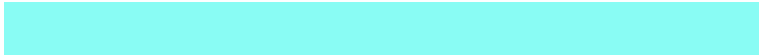
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.4585, 81.4740, 98.0762



59.3156, 81.7552, 99.2329



49.5025, 55.5749, 100.2169



17.7106, 19.5865, 21.9426



25.9270, 39.3838, 47.0864



2.4165, 3.6537, 4.4411

Inverse Universe

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



54.2042, 40.6336, 31.7773



51.0127, 34.9327, 23.2922



61.9946, 57.1676, 31.4358



17.2936, 17.2448, 18.1358



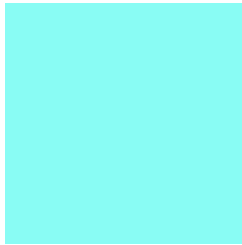
20.9854, 10.8099, 1.3657



1.9601, 1.0078, 0.2135

Previews

White Background



This preview shows how the XYZ color 61.4561, 81.4708, 98.0743 looks on a white background.

Color Contrast Check

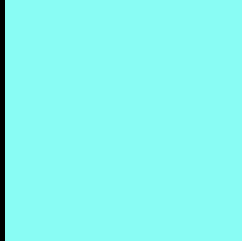
Large Text (above 18pt) WCAG AA × Fail

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 61.4561, 81.4708, 98.0743 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 61.4561, 81.4708, 98.0743

Background



This preview shows how black text looks on a background with the XYZ color 61.4561, 81.4708, 98.0743.

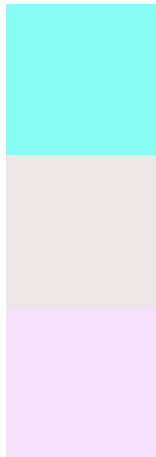


This preview shows how white text looks on a background with the XYZ color 61.4561, 81.4708,

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

61.4561, 81.4708, 98.0743

Protanopia

77.3127, 80.1960, 87.0059

Deuteranopia

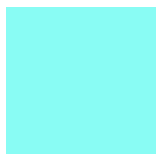
82.1866, 80.3454, 101.6190



Tritanopia

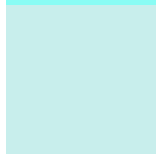
69.5693, 80.9146, 106.5591

Trichromacy



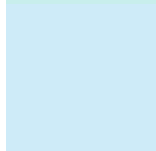
Original Color

61.4561, 81.4708, 98.0743



Protanomaly

69.5343, 79.4846, 91.0341



Deuteranomaly

72.1052, 79.3158, 100.3161



Tritanomaly

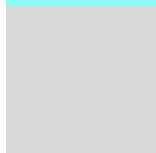
66.3047, 81.0921, 103.4245

Monochromacy



Original Color

61.4561, 81.4708, 98.0743



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.9010, 72.8310, 83.4156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4561, 81.4708, 98.0743 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(137, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(137, 252, 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(137, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 252, 244) }
```

Border

The CSS property to change the border of an element to XYZ 61.4561, 81.4708, 98.0743 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(137, 252, 244) }
```


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

```
.border{ border-color:rgb(137, 252, 244) }
```

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

Here you see how a box with a 4 pixel rgb(137, 252, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 252, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 252, 244);  
box-shadow:4px 4px 4px 4px rgb(137, 252,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4561, 81.4708, 98.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 252, 244) }
```

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

```
.background{ background-color: rgb(137,  
252, 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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