

Converting Colors

XYZ(61.0798, 79.7241, 84.5061)

Have a look what the booklet for
XYZ(61.0798, 79.7241, 84.5061)
contains.

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Color

**XYZ(61.1428, 79.7488,
84.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	9CF8E3
RGB	156, 248, 227
RGB Percent	61%, 97%, 89%
CMY	0.3882, 0.0274, 0.1098
CMYK	0.37, 0.00, 0.08, 0.03
HSL	166°, 87%, 79%
HSV	166°, 37%, 97%
XYZ	61.1428, 79.7488, 84.8435
YIQ	218.0980, -48.0910, -26.0350

Conversions

Conversions Part 2

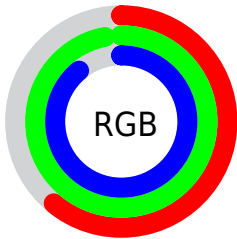
Format	Color
R_{YB}	156, 208, 248
Decimal	10287331
CIE _{Lab}	91.57, -32.05, 1.43
CIE _{LCh}	92, 32.080, 177.450
Yxy	79.7488, 0.2709, 0.3533
Android (android.graphics.Color)	4288477411 (0xFF9CF8E3)
YUV	218.0980, 4.3887, -54.4599
Hunter-Lab	89.3022, -34.0647, 6.1818

Details

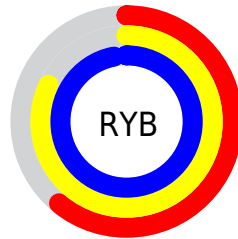
The XYZ color **61.1428, 79.7488, 84.8435** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.5384, 46.9098, 47.5672**, and the grayscale version is **66.7044, 70.1782, 76.4241**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **31.3327, 42.9495, 45.6684** is the 20% darker color. If you saturate the color by 10%, you get **56.0568, 77.2177, 80.5945**, and if you desaturate by 10%, it is **67.2387, 82.8016, 89.2774**.

Distribution



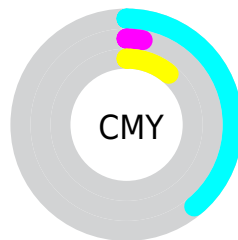
- Red (61%)
- Green (97%)
- Blue (89%)



- Red (61%)
- Yellow (82%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1428, 79.7488, 84.8435 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 61.1428, 79.7488, 84.8435 by changing the saturation by 10% instead.


 61.1428, 79.7488,
84.8435


 61.1428, 79.7488,
84.8435


418.5649,
494.0859, 531.2412

 44.5934, 59.5117,
63.1627


 105.5826,
133.0125, 142.0267

 31.3372, 43.0251,
45.5310


 134.2037,
166.8079, 178.3662

 21.0088, 29.9048,
31.5299


167.5795,
205.8914, 220.4290

 13.2430, 19.7664,
20.7408

206.0752,
250.6475, 268.6336

 7.6742, 12.2253,
12.7453

250.0563,
301.4607, 323.3985

 3.9372, 6.8973,
7.1247

299.8880,

 1.6667, 3.3980,

358.7152, 385.1424

3.4606

355.9358,
422.7954, 454.2838

■ 0.4353, 1.3429,
1.3344

■ 0.0000, 0.1740,
0.0897

■ 61.1428, 79.7488,
84.8435

■ 61.1428, 79.7488,
84.8435

■ 56.0568, 77.2177,
80.5945

■ 67.2387, 82.8016,
89.2774

■ 51.9137, 75.1678,
76.5207

■ 74.3930, 86.3950,
93.8945

■ 48.6489, 73.5677,
72.6197

■ 82.6590, 90.5585,
98.7003

■ 46.1866, 72.3784,
68.8865

■ 92.0090, 95.2777,
103.6947

■ 44.4378, 71.5540,
65.3157

■ 92.8588, 95.6176,
108.1696

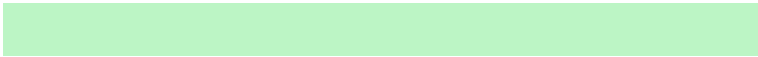
■ 43.2882, 71.0358,
61.9005

■ 43.0156, 70.9164,
60.9356

Harmonies

Analogous

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



63.2956, 79.7488, 64.7761



61.1428, 79.7488, 84.8435



62.6769, 79.7488, 109.3035

Triad

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



61.1428, 79.7488, 84.8435



83.2851, 79.7488, 133.2695



84.5828, 79.7488, 54.1209

Complementary

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



61.1428, 79.7488, 84.8435



58.5384, 46.9098, 47.5672

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.



90.6353, 79.7488, 67.6745



61.1428, 79.7488, 84.8435



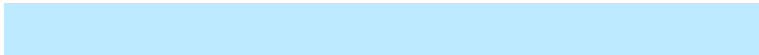
89.8489, 79.7488, 113.4019

Square

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



61.1428, 79.7488, 84.8435



75.1010, 79.7488, 140.0725



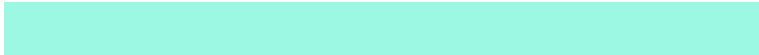
92.6276, 79.7488, 88.8531



76.5010, 79.7488, 49.1497

Rectangle

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



61.1428, 79.7488, 84.8435



65.6497, 79.7488, 124.4358



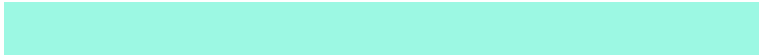
92.6276, 79.7488, 88.8531



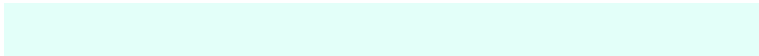
86.9436, 79.7488, 57.6893

Sweetspot

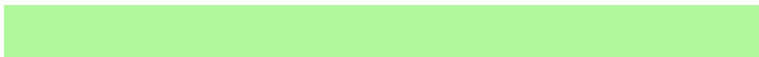
The Sweet Spot groups the original color and five complimentary colors.



61.1451, 79.7520, 84.8453



84.4588, 94.6572, 103.1122



57.8085, 78.9404, 43.6440



17.8204, 20.1309, 21.9212



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.



61.1451, 79.7520, 84.8453



60.7329, 82.7634, 86.7593



57.1685, 66.8731, 98.7054



17.5863, 19.5368, 21.2881



23.2921, 38.3298, 33.2111



2.1972, 3.5660, 3.2861

Inverse Universe

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



58.5384, 46.9098, 47.5672



57.5786, 42.8589, 41.5291



61.1439, 55.2174, 38.8892



17.4069, 17.2901, 18.7325



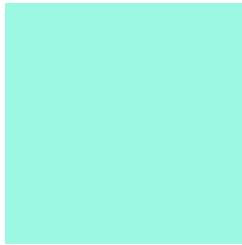
21.3494, 10.9555, 3.2824



2.0159, 1.0301, 0.5070

Previews

White Background



This preview shows how the XYZ color 61.1428, 79.7488, 84.8435 looks on a white background.

Color Contrast Check

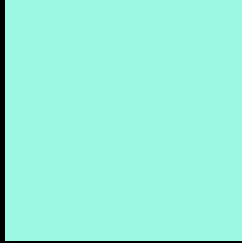
Large Text (above 18pt) WCAG AA × Fail

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 61.1428, 79.7488, 84.8435 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

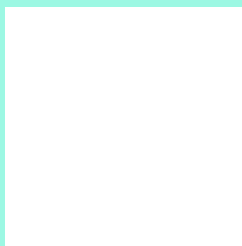
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1428, 79.7488, 84.8435

Background



This preview shows how black text looks on a background with the XYZ color 61.1428, 79.7488, 84.8435.

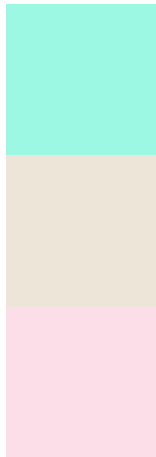


This preview shows how white text looks on a background with the XYZ color 61.1428, 79.7488,

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

61.1428, 79.7488, 84.8435

Protanopia

75.3390, 79.0010, 76.2437

Deuteranopia

80.4704, 78.5780, 87.2697



Tritanopia

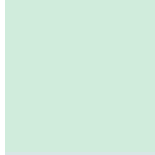
68.7385, 79.6075, 106.3506

Trichromacy



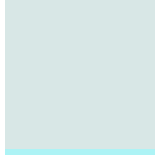
Original Color

61.1428, 79.7488, 84.8435



Protanomaly

68.9261, 78.5681, 79.2425



Deuteranomaly

71.1777, 77.4639, 86.0635



Tritanomaly

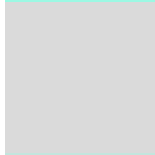
65.7656, 79.5780, 98.2801

Monochromacy



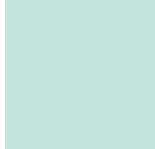
Original Color

61.1428, 79.7488, 84.8435



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.5761, 72.8612, 79.1194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1428, 79.7488, 84.8435 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(156, 248, 227)` looks like.

```
.text, #text, p{  
    color:rgb(156, 248, 227)  
}
```

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(156, 248, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 248, 227) }
```

Border

The CSS property to change the border of an element to XYZ 61.1428, 79.7488, 84.8435 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(156, 248, 227) }
```


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

```
.border{ border-color:rgb(156, 248, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 248, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 248, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 248, 227);  
box-shadow:4px 4px 4px 4px rgb(156, 248,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1428, 79.7488, 84.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 248, 227) }
```

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

```
.background{ background-color: rgb(156,  
248, 227) }
```

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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