

Converting Colors

XYZ(61.4415, 77.6985, 82.2800)

Have a look what the booklet for
XYZ(61.4415, 77.6985, 82.2800)
contains.

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Color

**XYZ(61.4415, 77.6985,
82.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F3E0
RGB	167, 243, 224
RGB Percent	65%, 95%, 88%
CMY	0.3451, 0.0470, 0.1216
CMYK	0.31, 0.00, 0.08, 0.05
HSL	165°, 76%, 80%
HSV	165°, 31%, 95%
XYZ	61.4415, 77.6985, 82.2800
YIQ	218.1100, -39.1970, -22.0210

Conversions

Conversions Part 2

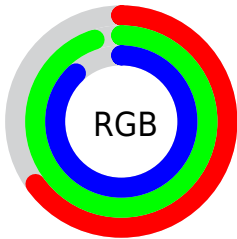
Format	Color
RYB	167, 210, 243
Decimal	11006944
CIELab	90.64, -27.34, 1.70
CIElCh	91, 27.391, 176.449
Yxy	77.6985, 0.2775, 0.3509
Android (android.graphics.Color)	4289197024 (0xFFA7F3E0)
YUV	218.1100, 2.9038, -44.8235
Hunter-Lab	88.1468, -29.8358, 6.3589

Details

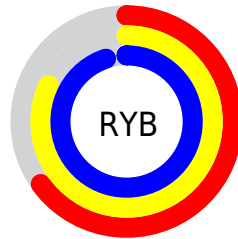
The XYZ color **61.4415, 77.6985, 82.2800** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.6465, 50.2394, 53.0110**, and the grayscale version is **66.7182, 70.1927, 76.4399**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **31.6138, 41.8500, 43.9477** is the 20% darker color. If you saturate the color by 10%, you get **55.9734, 74.9751, 77.8004**, and if you desaturate by 10%, it is **67.9080, 80.9372, 86.9634**.

Distribution



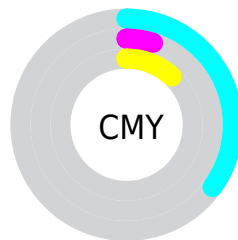
- Red (65%)
- Green (95%)
- Blue (88%)



- Red (65%)
- Yellow (82%)
- Blue (95%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (35%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4415, 77.6985, 82.2800 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 61.4415, 77.6985, 82.2800 by changing the saturation by 10% instead.


 61.4415, 77.6985,
82.2800


 61.4415, 77.6985,
82.2800


419.6410,
487.1423, 522.4918

 44.8355, 57.8263,
61.0592


 106.0124,
130.1250, 138.4068

 31.5286, 41.6691,
43.8421


 134.7080,
163.4482, 174.1499

 21.1555, 28.8422,
30.2101


168.1642,
202.0238, 215.5708

 13.3508, 18.9615,
19.7447

206.7463,
246.2362, 263.0881

 7.7492, 11.6425,
12.0274

250.8197,
296.4699, 317.1203

 3.9853, 6.5007,
6.6396

300.7497,

 1.6938, 3.1519,

353.1092, 378.0859

3.1627

356.9017,
416.5385, 446.4036

■ 0.4524, 1.2115,
1.1783

■ 0.0000, 0.0711,
0.0000

■ 61.4415, 77.6985,
82.2800

■ 61.4415, 77.6985,
82.2800

■ 55.9734, 74.9751,
77.8004

■ 67.9080, 80.9372,
86.9634

■ 51.4426, 72.7296,
73.5151

■ 75.4166, 84.7076,
91.8492

■ 47.7916, 70.9343,
69.4216

■ 84.0161, 89.0370,
96.9429

■ 44.9535, 69.5547,
65.5150

■ 90.2827, 92.1602,
102.0858

■ 42.8516, 68.5513,
61.7901

■ 91.2425, 92.5442,
107.1401

■ 41.3938, 67.8769,
58.2409

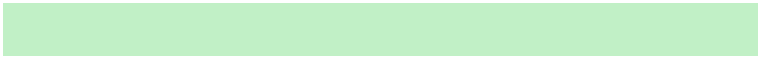
■ 91.3420, 92.5839,
107.6640

■ 40.5209, 67.4915,
55.2808

Harmonies

Analogous

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



63.3849, 77.6985, 65.3769



61.4415, 77.6985, 82.2800



62.6492, 77.6985, 102.5829

Triad

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



61.4415, 77.6985, 82.2800



79.8877, 77.6985, 123.1689



81.3896, 77.6985, 56.8403

Complementary

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



61.4415, 77.6985, 82.2800



59.6465, 50.2394, 53.0110

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.



86.3122, 77.6985, 68.8528



61.4415, 77.6985, 82.2800



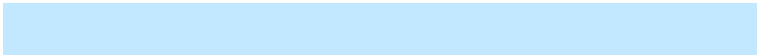
85.4081, 77.6985, 107.2651

Square

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



61.4415, 77.6985, 82.2800



73.0353, 77.6985, 128.2268



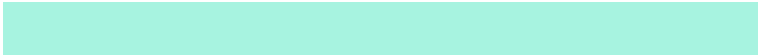
87.8261, 77.6985, 86.9641



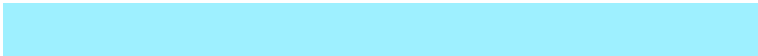
74.6709, 77.6985, 52.1962

Rectangle

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



61.4415, 77.6985, 82.2800



65.1222, 77.6985, 115.0686



87.8261, 77.6985, 86.9641



83.3250, 77.6985, 60.0497

Sweetspot

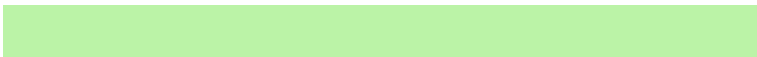
The Sweet Spot groups the original color and five complimentary colors.



61.4437, 77.7017, 82.2818



86.1947, 95.5401, 103.7349



59.5869, 77.4929, 48.3777



18.1631, 20.3056, 22.0286



0.0000, 0.0000, 0.0000



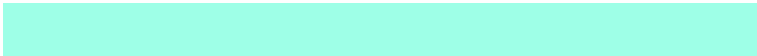
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4437, 77.7017, 82.2818



64.2718, 84.5559, 88.3660



59.1138, 68.6841, 94.9394



16.8093, 18.6829, 20.2801



22.2952, 37.0629, 30.6379



2.0004, 3.2738, 2.9079

Inverse Universe

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



59.6465, 50.2394, 53.0110



61.9614, 49.1388, 50.6529



61.2330, 56.4334, 44.2260



16.6691, 16.5505, 18.0039



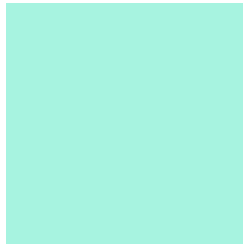
20.7901, 10.6595, 3.6030



1.8668, 0.9527, 0.5250

Previews

White Background



This preview shows how the XYZ color 61.4415, 77.6985, 82.2800 looks on a white background.

Color Contrast Check

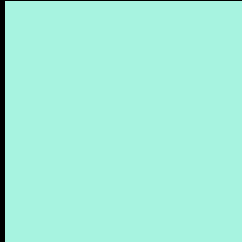
Large Text (above 18pt) WCAG AA × Fail

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 61.4415, 77.6985, 82.2800 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

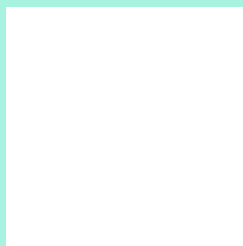
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4415, 77.6985, 82.2800

Background



This preview shows how black text looks on a background with the XYZ color 61.4415, 77.6985, 82.2800.

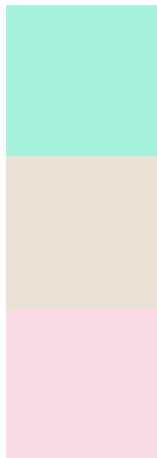


This preview shows how white text looks on a background with the XYZ color 61.4415, 77.6985,

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

61.4415, 77.6985, 82.2800

Protanopia

73.3938, 76.7914, 75.2439

Deuteranopia

78.4475, 76.8000, 84.8180



Tritanopia

66.9246, 77.3721, 106.0147

Trichromacy



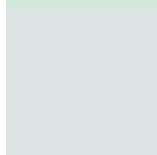
Original Color

61.4415, 77.6985, 82.2800



Protanomaly

68.0898, 76.4768, 77.5025



Deuteranomaly

70.8219, 76.0929, 83.6277



Tritanomaly

64.8748, 77.3786, 97.1043

Monochromacy



Original Color

61.4415, 77.6985, 82.2800



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.9405, 72.2476, 78.2853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4415, 77.6985, 82.2800 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, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 243, 224)  
}
```

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, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 243, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.4415, 77.6985, 82.2800 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, 243, 224) }
```


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

```
.border{ border-color:rgb(167, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 243,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4415, 77.6985, 82.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 243, 224) }
```

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

```
.background{ background-color: rgb(167,  
243, 224) }
```

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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