

Converting Colors

XYZ(62.0043, 82.1716, 83.1481)

Have a look what the booklet for
XYZ(62.0043, 82.1716, 83.1481)
contains.

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Color

**XYZ(61.9753, 82.0705,
83.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFCE0
RGB	156, 252, 224
RGB Percent	61%, 99%, 88%
CMY	0.3882, 0.0117, 0.1216
CMYK	0.38, 0.00, 0.11, 0.01
HSL	162°, 94%, 80%
HSV	162°, 38%, 99%
XYZ	61.9753, 82.0705, 83.0958
YIQ	220.1040, -48.2280, -29.0600

Conversions

Conversions Part 2

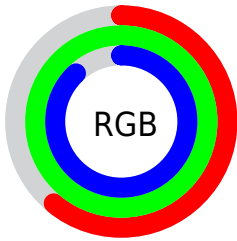
Format	Color
RYB	156, 212, 252
Decimal	10288352
CIELab	92.61, -34.55, 4.48
CIELCh	93, 34.845, 172.609
Yxy	82.0705, 0.2728, 0.3613
Android (android.graphics.Color)	4288478432 (0xFF9CFCE0)
YUV	220.1040, 1.9207, -56.2192
Hunter-Lab	90.5928, -36.4239, 9.0315

Details

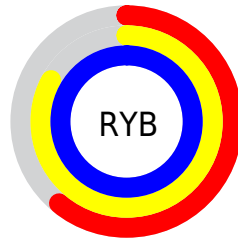
The XYZ color **61.9753, 82.0705, 83.0958** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.6879, 47.9354, 51.4046**, and the grayscale version is **68.1131, 71.6603, 78.0381**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **31.9321, 44.6041, 44.4626** is the 20% darker color. If you saturate the color by 10%, you get **56.6205, 79.4248, 77.7544**, and if you desaturate by 10%, it is **68.3894, 85.2615, 88.7154**.

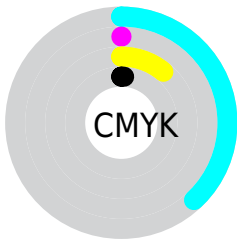
Distribution



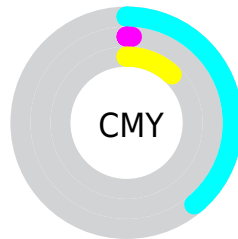
- Red (61%)
- Green (99%)
- Blue (88%)



- Red (61%)
- Yellow (83%)
- Blue (99%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)




- Cyan (39%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9753, 82.0705, 83.0958 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 61.9753, 82.0705, 83.0958 by changing the saturation by 10% instead.


 61.9753, 82.0705,
83.0958


 61.9753, 82.0705,
83.0958


421.5600,
501.8835, 525.2851

 45.2683, 61.4236,
61.7281


 106.7800,
136.2729, 139.5601

 31.8710, 44.5672,
44.3787


 135.6083,
170.5972, 175.4937

 21.4180, 31.1166,
30.6289


169.2078,
210.2494, 217.1198

 13.5441, 20.6877,
20.0604

207.9438,
255.6140, 264.8568

 7.8838, 12.8959,
12.2544

252.1817,
307.0753, 319.1233

 4.0719, 7.3569,
6.7926

302.2868,

 1.7429, 3.6863,

365.0177, 380.3378

3.2562

358.6244,
429.8256, 448.9189

■ 0.4829, 1.4997,
1.2269

■ 0.0000, 0.2885,
0.0007

■ 61.9753, 82.0705,
83.0958

■ 61.9753, 82.0705,
83.0958

■ 56.6205, 79.4248,
77.7544

■ 68.3894, 85.2615,
88.7154

■ 52.2544, 77.2818,
72.6797

■ 75.9140, 89.0179,
94.6129

■ 48.8089, 75.6085,
67.8674

■ 84.6053, 93.3705,
100.7955

■ 46.2035, 74.3636,
63.3109

■ 93.8460, 98.0013,
107.2369

■ 44.3435, 73.4982,
59.0027

■ 94.1018, 98.1036,
108.5839

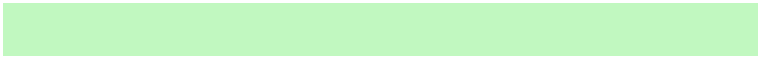
■ 43.0997, 72.9457,
54.9337

■ 42.8977, 72.8580,
54.1838

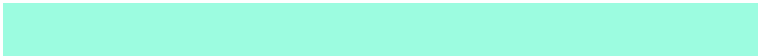
Harmonies

Analogous

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



64.9686, 82.0705, 62.3617



61.9753, 82.0705, 83.0958



63.0051, 82.0705, 109.9435

Triad

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



61.9753, 82.0705, 83.0958



84.8954, 82.0705, 143.7769



89.0684, 82.0705, 55.2971

Complementary

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



61.9753, 82.0705, 83.0958



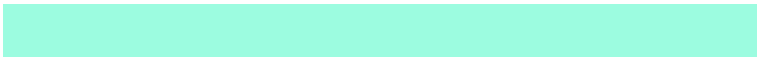
60.6879, 47.9354, 51.4046

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.



95.2158, 82.0705, 71.5221



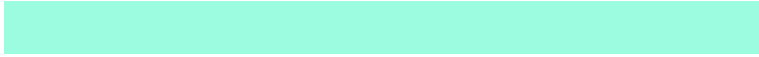
61.9753, 82.0705, 83.0958



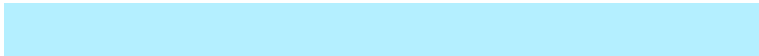
92.6794, 82.0705, 123.2062

Square

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



61.9753, 82.0705, 83.0958



75.7862, 82.0705, 148.5230



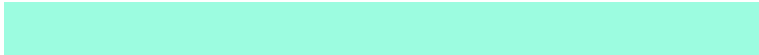
96.5860, 82.0705, 95.9331



80.2678, 82.0705, 48.4573

Rectangle

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



61.9753, 82.0705, 83.0958



65.8750, 82.0705, 127.5662



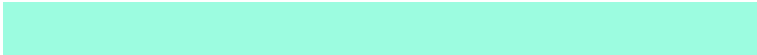
96.5860, 82.0705, 95.9331



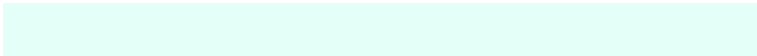
91.5407, 82.0705, 59.6645

Sweetspot

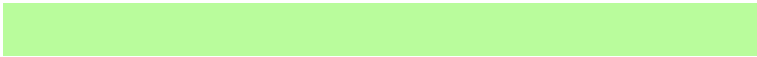
The Sweet Spot groups the original color and five complimentary colors.



61.9776, 82.0738, 83.0977



84.1832, 94.5469, 101.6610



60.7731, 82.3139, 44.1392



17.7544, 20.1046, 21.5740



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

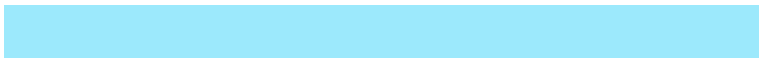
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9776, 82.0738, 83.0977



59.2141, 82.1067, 80.9836



60.3659, 72.2639, 102.8659



17.5374, 19.5172, 21.0304



22.4124, 37.9780, 28.5787



2.1219, 3.5359, 2.8898

Inverse Universe

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



60.6879, 47.9354, 51.4046



57.7237, 42.3263, 44.1145



61.5172, 53.8360, 38.6031



17.4528, 17.3085, 18.9744



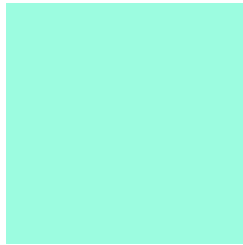
21.6025, 11.0567, 4.6153



2.0448, 1.0416, 0.6592

Previews

White Background



This preview shows how the XYZ color 61.9753, 82.0705, 83.0958 looks on a white background.

Color Contrast Check

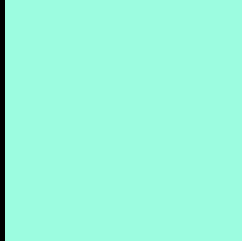
Large Text (above 18pt) WCAG AA × Fail

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 61.9753, 82.0705, 83.0958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

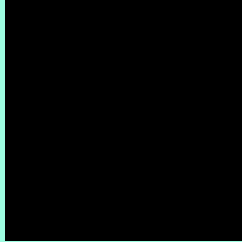
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9753, 82.0705, 83.0958

Background



This preview shows how black text looks on a background with the XYZ color 61.9753, 82.0705, 83.0958.



This preview shows how white text looks on a background with the XYZ color 61.9753, 82.0705,

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

61.9753, 82.0705, 83.0958

Protanopia

77.1425, 81.2181, 74.5616

Deuteranopia

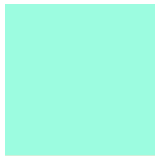
82.4481, 80.8236, 86.1179



Tritanopia

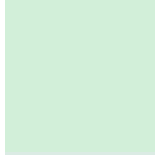
71.5404, 81.9307, 106.6514

Trichromacy



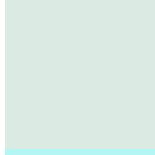
Original Color

61.9753, 82.0705, 83.0958



Protanomaly

69.9692, 80.4444, 77.4852



Deuteranomaly

72.9253, 80.0782, 85.0118



Tritanomaly

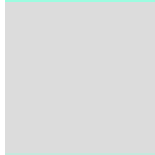
67.8753, 82.0269, 97.8433

Monochromacy



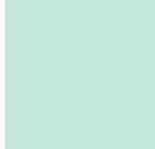
Original Color

61.9753, 82.0705, 83.0958



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.9337, 74.8040, 79.4229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9753, 82.0705, 83.0958 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, 252, 224)` looks like.

```
.text, #text, p{  
    color:rgb(156, 252, 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(156, 252, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 252, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.9753, 82.0705, 83.0958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

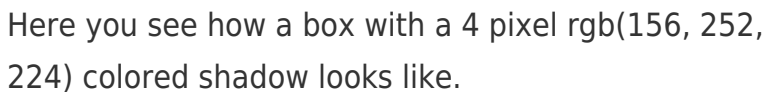
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 252, 224) }
```


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

```
.border{ border-color:rgb(156, 252, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 252, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 252, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 252, 224);  
box-shadow:4px 4px 4px 4px rgb(156, 252,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9753, 82.0705, 83.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 252, 224) }
```

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

```
.background{ background-color: rgb(156,  
252, 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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