

Converting Colors

XYZ(62.3833, 83.9476, 71.7726)

Have a look what the booklet for
XYZ(62.3833, 83.9476, 71.7726)
contains.

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Color

**XYZ(62.3323, 83.9175,
71.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FFCF
RGB	164, 255, 207
RGB Percent	64%, 100%, 81%
CMY	0.3569, 0.0000, 0.1882
CMYK	0.36, 0.00, 0.19, 0.00
HSL	148°, 100%, 82%
HSV	148°, 36%, 100%
XYZ	62.3323, 83.9175, 71.9439
YIQ	222.3190, -38.8280, -34.2200

Conversions

Conversions Part 2

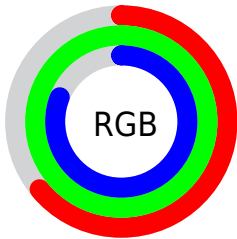
Format	Color
RYB	164, 226, 255
Decimal	10813391
CIELab	93.41, -37.21, 14.45
CIELCh	93, 39.917, 158.779
Yxy	83.9175, 0.2857, 0.3846
Android (android.graphics.Color)	4289003471 (0xFFA4FFCF)
YUV	222.3190, -7.5523, -51.1458
Hunter-Lab	91.6065, -38.8537, 17.5607

Details

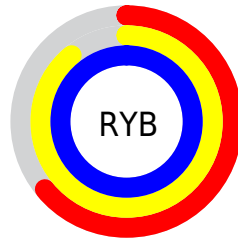
The XYZ color **62.3323, 83.9175, 71.9439** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.3995, 52.5652, 68.9339**, and the grayscale version is **69.7278, 73.3591, 79.8880**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **32.1282, 45.8762, 37.2987** is the 20% darker color. If you saturate the color by 10%, you get **56.0118, 80.8411, 63.4272**, and if you desaturate by 10%, it is **69.8493, 87.5945, 81.2507**.

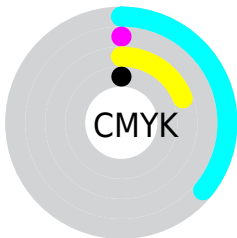
Distribution



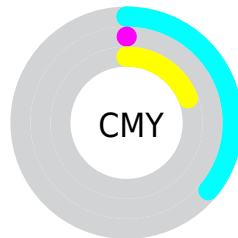
- Red (64%)
- Green (100%)
- Blue (81%)



- Red (64%)
- Yellow (89%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3323, 83.9175, 71.9439 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 62.3323, 83.9175, 71.9439 by changing the saturation by 10% instead.

 62.3323, 83.9175,
71.9439


 62.3323, 83.9175,
71.9439


422.8404,
508.0392, 486.3186

 45.5579, 62.9473,
52.6263


 107.2929,
138.8598, 123.6837

 32.1002, 45.7986,
37.1188


 136.2098,
173.6006, 156.9431

 21.5940, 32.0869,
25.0030


169.9048,
213.7005, 195.6867

 13.6738, 21.4279,
15.8603

208.7434,
259.5439, 240.3332

 7.9743, 13.4371,
9.2720

253.0909,
311.5150, 291.3011

 4.1302, 7.7302,
4.8198

303.3127,

 1.7760, 3.9228,

369.9983, 349.0089

2.0850

359.7741,
435.3783, 413.8753

■ 0.5032, 1.6305,
0.6068

■ 0.0000, 0.3780,
0.0000

■ 62.3323, 83.9175,
71.9439

■ 62.3323, 83.9175,
71.9439

■ 56.0118, 80.8411,
63.4272

■ 69.8493, 87.5945,
81.2507

■ 50.8189, 78.3303,
55.6751

■ 78.6223, 91.9023,
91.3637

■ 46.6804, 76.3476,
48.6666

■ 88.7089, 96.8705,
102.3039

■ 43.5131, 74.8508,
42.3783

95.0500, 100.0000,
108.9000

■ 41.2205, 73.7903,
36.7851

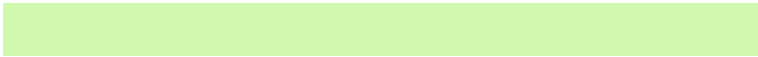
■ 39.6834, 73.1053,
31.8596

■ 39.1804, 72.8882,
29.9317

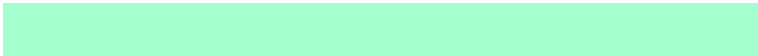
Harmonies

Analogous

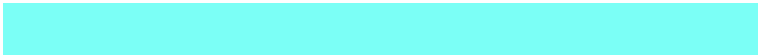
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.7372, 83.9175, 53.2040



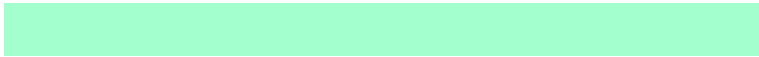
62.3323, 83.9175, 71.9439



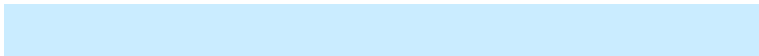
61.3734, 83.9175, 100.5129

Triad

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



62.3323, 83.9175, 71.9439



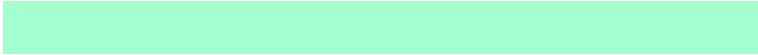
82.8920, 83.9175, 161.5166



96.6140, 83.9175, 59.6463

Complementary

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



62.3323, 83.9175, 71.9439



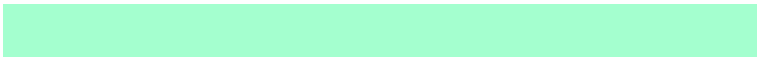
66.3995, 52.5652, 68.9339

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.



101.4972, 83.9175, 82.8026



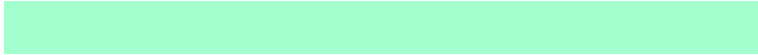
62.3323, 83.9175, 71.9439



93.1297, 83.9175, 144.4570

Square

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



62.3323, 83.9175, 71.9439



72.6525, 83.9175, 156.8063



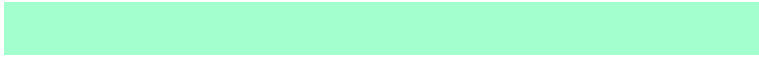
100.1689, 83.9175, 114.0160



87.3188, 83.9175, 47.2671

Rectangle

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



62.3323, 83.9175, 71.9439



63.2943, 83.9175, 122.2365



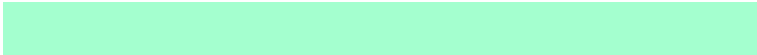
100.1689, 83.9175, 114.0160



98.8615, 83.9175, 66.1963

Sweetspot

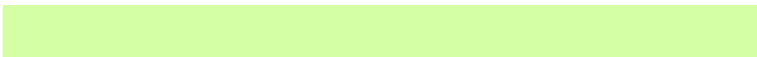
The Sweet Spot groups the original color and five complimentary colors.



62.3330, 83.9178, 71.9453



83.1814, 94.1462, 96.3855



69.7667, 88.2770, 48.4850



17.5154, 20.0090, 20.3154



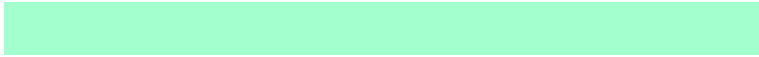
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.3330, 83.9178, 71.9453



57.5957, 81.6103, 65.6385



68.6357, 86.4389, 105.1347



18.1289, 20.3111, 20.9818



20.5467, 38.1153, 16.0303



2.0553, 3.7330, 1.8489

Inverse Universe

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



66.3995, 52.5652, 68.9339



62.2207, 45.9386, 62.2040



61.4942, 50.6030, 43.1026



18.4097, 18.1472, 20.7748



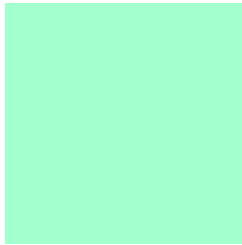
23.8917, 12.0460, 13.3463



2.3815, 1.1950, 1.5904

Previews

White Background



This preview shows how the XYZ color 62.3323, 83.9175, 71.9439 looks on a white background.

Color Contrast Check

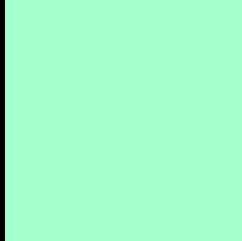
Large Text (above 18pt) WCAG AA × Fail

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 62.3323, 83.9175, 71.9439 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

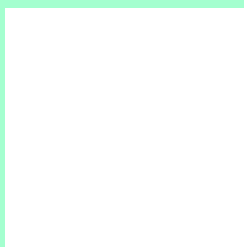
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3323, 83.9175, 71.9439

Background



This preview shows how black text looks on a background with the XYZ color 62.3323, 83.9175, 71.9439.



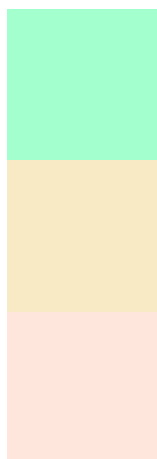
This preview shows how white text looks on a background with the XYZ color 62.3323, 83.9175,

71.9439.

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

62.3323, 83.9175, 71.9439

Protanopia

78.2123, 82.8333, 64.6895

Deuteranopia

82.5880, 83.0741, 80.0887



Tritanopia

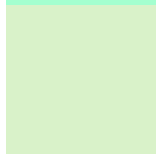
74.1593, 83.2808, 106.7739

Trichromacy



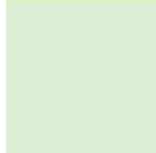
Original Color

62.3323, 83.9175, 71.9439



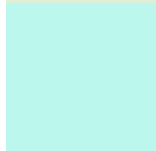
Protanomaly

70.9100, 82.4730, 67.4399



Deuteranomaly

73.3854, 82.2205, 76.9681



Tritanomaly

69.4324, 83.3859, 93.3245

Monochromacy



Original Color

62.3323, 83.9175, 71.9439



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.0346, 76.2729, 76.8874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3323, 83.9175, 71.9439 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(164, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 207)  
}
```

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(164, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 62.3323, 83.9175, 71.9439 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(164, 255, 207) }
```


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

```
.border{ border-color:rgb(164, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3323, 83.9175, 71.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 207) }
```

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

```
.background{ background-color: rgb(164,  
255, 207) }
```

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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