

Converting Colors

XYZ(62.6394, 83.7895, 84.8962)

Have a look what the booklet for
XYZ(62.6394, 83.7895, 84.8962)
contains.

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Color

**XYZ(62.6243, 83.7833,
84.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFE2
RGB	153, 255, 226
RGB Percent	60%, 100%, 89%
CMY	0.4000, 0.0000, 0.1137
CMYK	0.40, 0.00, 0.11, 0.00
HSL	163°, 100%, 80%
HSV	163°, 40%, 100%
XYZ	62.6243, 83.7833, 84.8226
YIQ	221.1960, -51.4830, -30.6430

Conversions

Conversions Part 2

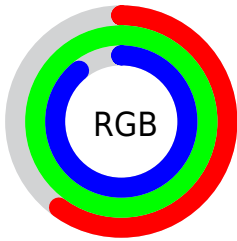
Format	Color
RYB	153, 212, 255
Decimal	10092514
CIELab	93.36, -36.28, 4.52
CIELCh	93, 36.561, 172.900
Yxy	83.7833, 0.2708, 0.3623
Android (android.graphics.Color)	4288282594 (0xFF99FFE2)
YUV	221.1960, 2.3684, -59.8079
Hunter-Lab	91.5332, -38.0588, 9.1300

Details

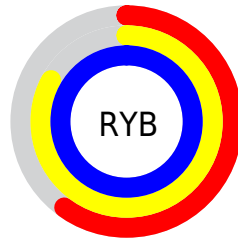
The XYZ color **62.6243, 83.7833, 84.8226** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.0753, 47.4209, 50.1907**, and the grayscale version is **68.8746, 72.4615, 78.9106**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **32.3686, 45.8152, 45.6653** is the 20% darker color. If you saturate the color by 10%, you get **57.3411, 81.1722, 79.4925**, and if you desaturate by 10%, it is **68.9797, 86.9422, 90.4253**.

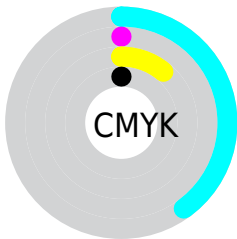
Distribution



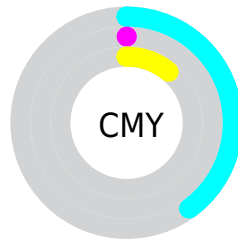
- Red (60%)
- Green (100%)
- Blue (89%)



- Red (60%)
- Yellow (83%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6243, 83.7833, 84.8226 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 62.6243, 83.7833, 84.8226 by changing the saturation by 10% instead.


 62.6243, 83.7833,
84.8226


 62.6243, 83.7833,
84.8226


423.8861,
507.5934, 531.1702

 45.7948, 62.8365,
63.1455


 107.7122,
138.6720, 141.9973

 32.2879, 45.7090,
45.5172


 136.7013,
173.3827, 178.3319

 21.7381, 32.0162,
31.5191


170.4743,
213.4503, 220.3895

 13.7801, 21.3739,
20.7327

209.3967,
259.2589, 268.5885

 8.0486, 13.3976,
12.7394

253.8337,
311.1932, 323.3475

 4.1781, 7.7029,
7.1207

304.1507,

 1.8034, 3.9054,

369.6374, 385.0851

3.4581

360.7130,
434.9760, 454.2198

■ 0.5197, 1.6208,
1.3330

■ 0.0000, 0.3716,
0.0886

■ 62.6243, 83.7833,
84.8226

■ 62.6243, 83.7833,
84.8226

■ 57.3411, 81.1722,
79.4925

■ 68.9797, 86.9422,
90.4253

■ 53.0608, 79.0733,
74.4248

■ 76.4655, 90.6789,
96.3017

■ 49.7100, 77.4490,
69.6149

■ 85.1385, 95.0228,
102.4586

■ 47.2038, 76.2552,
65.0559

95.0500, 100.0000,
108.9000

■ 45.4407, 75.4400,
60.7403

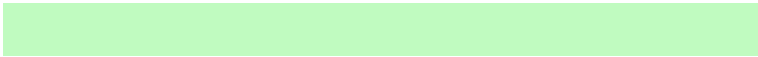
■ 44.2557, 74.9183,
56.6574

■ 44.2555, 74.9182,
56.6569

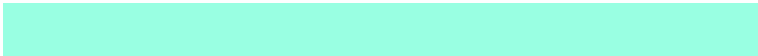
Harmonies

Analogous

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



65.7494, 83.7833, 62.8125



62.6243, 83.7833, 84.8226



63.7543, 83.7833, 113.4742

Triad

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



62.6243, 83.7833, 84.8226



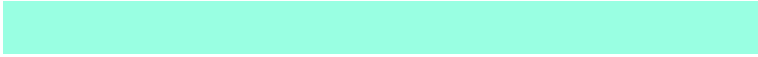
87.0640, 83.7833, 149.3650



91.3422, 83.7833, 55.1072

Complementary

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



62.6243, 83.7833, 84.8226



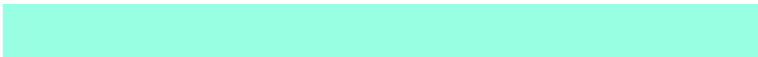
61.0753, 47.4209, 50.1907

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.



97.9520, 83.7833, 72.0939



62.6243, 83.7833, 84.8226



95.3463, 83.7833, 127.1278

Square

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



62.6243, 83.7833, 84.8226



77.3651, 83.7833, 154.6720



99.4734, 83.7833, 97.9433



81.9458, 83.7833, 48.0468

Rectangle

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



62.6243, 83.7833, 84.8226



66.8160, 83.7833, 132.3300



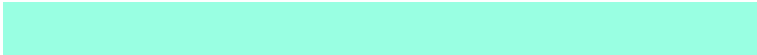
99.4734, 83.7833, 97.9433



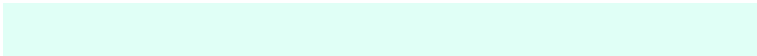
93.9936, 83.7833, 59.6588

Sweetspot

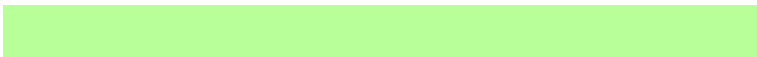
The Sweet Spot groups the original color and five complimentary colors.



62.6252, 83.7837, 84.8240



83.3053, 94.1036, 101.2038



61.1820, 83.9613, 43.1198



17.5803, 20.0165, 21.4878



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

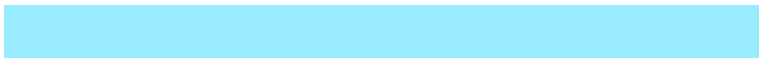
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6252, 83.7837, 84.8240



58.3148, 81.6520, 80.5368



60.7815, 73.1808, 105.5295



18.3217, 20.3882, 21.9971



23.1919, 39.1734, 29.9595



2.3051, 3.8330, 3.1646

Inverse Universe

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



61.0753, 47.4209, 50.1907



56.5849, 40.7305, 41.6322



62.0109, 53.6017, 37.2161



18.2217, 18.0720, 19.7844



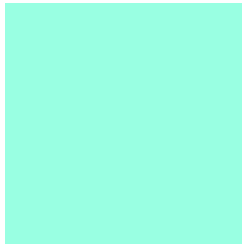
22.2234, 11.3787, 4.5611



2.2083, 1.1257, 0.6785

Previews

White Background



This preview shows how the XYZ color 62.6243, 83.7833, 84.8226 looks on a white background.

Color Contrast Check

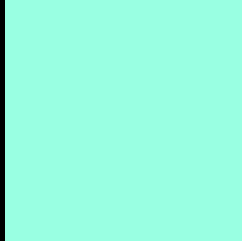
Large Text (above 18pt) WCAG AA × Fail

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 62.6243, 83.7833, 84.8226 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

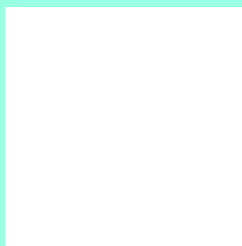
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6243, 83.7833, 84.8226

Background



This preview shows how black text looks on a background with the XYZ color 62.6243, 83.7833, 84.8226.



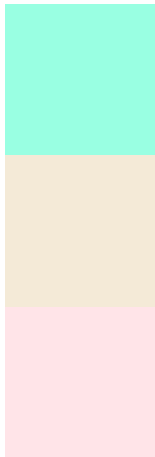
This preview shows how white text looks on a background with the XYZ color 62.6243, 83.7833,

84.8226.

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

62.6243, 83.7833, 84.8226

Protanopia

78.9968, 82.9850, 76.1441

Deuteranopia

83.5489, 82.5730, 87.8786



Tritanopia

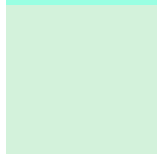
73.3893, 83.3270, 106.8234

Trichromacy



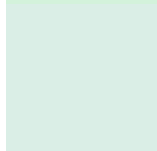
Original Color

62.6243, 83.7833, 84.8226



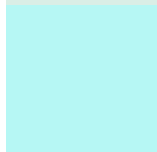
Protanomaly

71.4023, 82.4676, 79.1724



Deuteranomaly

73.7709, 81.7677, 86.7575



Tritanomaly

68.8813, 82.9983, 97.9778

Monochromacy



Original Color

62.6243, 83.7833, 84.8226



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.2231, 75.3413, 80.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6243, 83.7833, 84.8226 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(153, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 226)  
}
```

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(153, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.6243, 83.7833, 84.8226 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(153, 255, 226) }
```


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

```
.border{ border-color:rgb(153, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 255, 226); box-shadow:4px 4px 4px 4px rgb(153, 255, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6243, 83.7833, 84.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 226) }
```

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

```
.background{ background-color: rgb(153,  
255, 226) }
```

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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