

Converting Colors

XYZ(62.9998, 84.2164, 74.0163)

Have a look what the booklet for
XYZ(62.9998, 84.2164, 74.0163)
contains.

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Color

**XYZ(62.9099, 84.1725,
73.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FFD2
RGB	165, 255, 210
RGB Percent	65%, 100%, 82%
CMY	0.3529, 0.0000, 0.1765
CMYK	0.35, 0.00, 0.18, 0.00
HSL	150°, 100%, 82%
HSV	150°, 35%, 100%
XYZ	62.9099, 84.1725, 73.9040
YIQ	222.9600, -39.1950, -33.0750

Conversions

Conversions Part 2

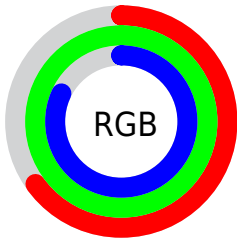
Format	Color
RYB	165, 225, 255
Decimal	10878930
CIELab	93.53, -36.35, 13.07
CIElCh	94, 38.628, 160.221
Yxy	84.1725, 0.2847, 0.3809
Android (android.graphics.Color)	4289069010 (0xFFA5FFD2)
YUV	222.9600, -6.3893, -50.8309
Hunter-Lab	91.7456, -38.1574, 16.4619

Details

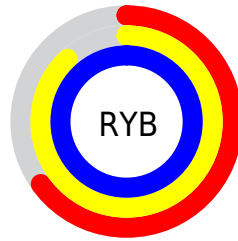
The XYZ color **62.9099, 84.1725, 73.9040** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.3284, 52.8242, 67.6730**, and the grayscale version is **70.1745, 73.8291, 80.3999**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **32.4172, 46.0059, 38.1818** is the 20% darker color. If you saturate the color by 10%, you get **56.5985, 81.0951, 65.6449**, and if you desaturate by 10%, it is **70.4067, 87.8463, 82.8819**.

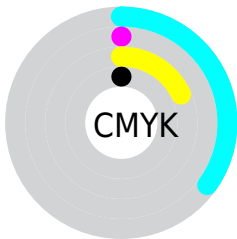
Distribution



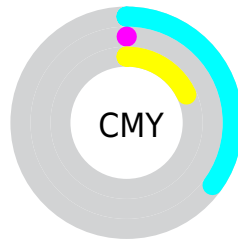
- Red (65%)
- Green (100%)
- Blue (82%)



- Red (65%)
- Yellow (88%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9099, 84.1725, 73.9040 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 62.9099, 84.1725, 73.9040 by changing the saturation by 10% instead.


 62.9099, 84.1725,
73.9040


 62.9099, 84.1725,
73.9040


424.9073,
508.8859, 493.2965

 46.0267, 63.1579,
54.2192


 108.1221,
139.2165, 126.4925

 32.4716, 45.9689,
38.3825


 137.1817,
174.0146, 160.2332

 21.8793, 32.2213,
25.9756


171.0309,
214.1759, 199.4963

 13.8843, 21.5306,
16.5798

210.0350,
260.0850, 244.7004

 8.1214, 13.5124,
9.7766

254.5593,
312.1261, 296.2639

 4.2252, 7.7823,
5.1474

304.9692,

 1.8303, 3.9560,

370.6837, 354.6054

2.2738

361.6301,
436.1422, 420.1434

■ 0.5358, 1.6490,
0.7165

■ 0.0000, 0.3903,
0.0000

■ 62.9099, 84.1725,
73.9040

■ 62.9099, 84.1725,
73.9040

■ 56.5985, 81.0951,
65.6449

■ 70.4067, 87.8463,
82.8819

■ 51.4042, 78.5794,
58.0822

■ 79.1475, 92.1465,
92.5922

■ 47.2549, 76.5884,
51.1979

■ 89.1896, 97.1022,
103.0532

■ 44.0683, 75.0801,
44.9716

95.0500, 100.0000,
108.9000

■ 41.7492, 74.0059,
39.3818

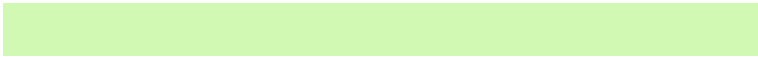
■ 40.1802, 73.3056,
34.4049

■ 39.6236, 73.0655,
32.2656

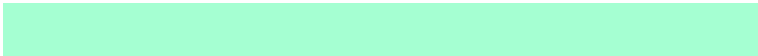
Harmonies

Analogous

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



67.9804, 84.1725, 55.0628



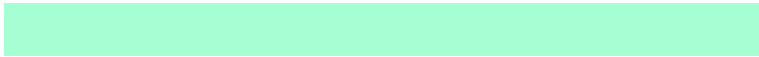
62.9099, 84.1725, 73.9040



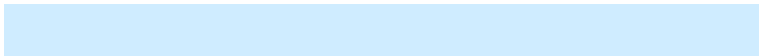
62.1911, 84.1725, 101.9959

Triad

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



62.9099, 84.1725, 73.9040



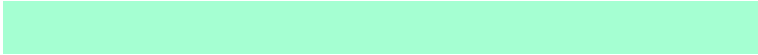
83.5389, 84.1725, 158.8909



95.9551, 84.1725, 59.9175

Complementary

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



62.9099, 84.1725, 73.9040



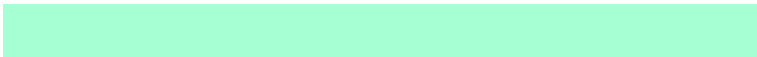
66.3284, 52.8242, 67.6730

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.



100.9284, 84.1725, 82.0276



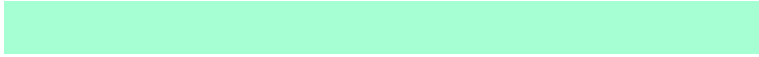
62.9099, 84.1725, 73.9040



93.3665, 84.1725, 141.6518

Square

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



62.9099, 84.1725, 73.9040



73.5401, 84.1725, 155.4158



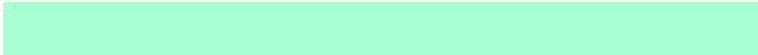
99.9427, 84.1725, 112.0301



86.8348, 84.1725, 48.2584

Rectangle

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



62.9099, 84.1725, 73.9040



64.2054, 84.1725, 122.9733



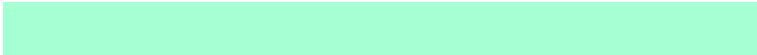
99.9427, 84.1725, 112.0301



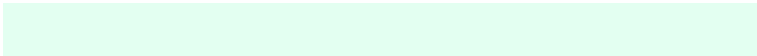
98.2010, 84.1725, 66.1552

Sweetspot

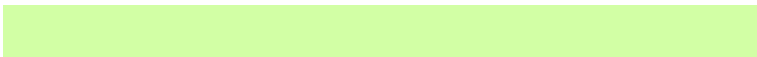
The Sweet Spot groups the original color and five complimentary colors.



62.9106, 84.1728, 73.9054



83.2963, 94.1922, 96.9905



69.1304, 87.9385, 48.9286



17.5428, 20.0199, 20.4594



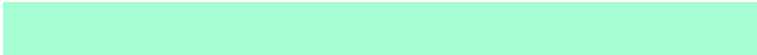
0.0000, 0.0000, 0.0000



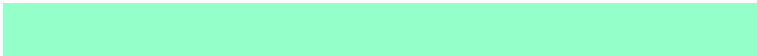
20.3446, 21.4041, 23.3091

Same Dimension

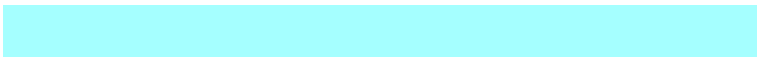
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9106, 84.1728, 73.9054



58.5504, 82.0449, 68.2873



69.3275, 86.7396, 107.6962



18.1504, 20.3197, 21.0949



20.7796, 38.2084, 17.2563



2.0784, 3.7423, 1.9704

Inverse Universe

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



66.3284, 52.8242, 67.6730



62.4097, 46.6467, 61.2499



61.4873, 50.8878, 42.1799



18.3882, 18.1386, 20.6613



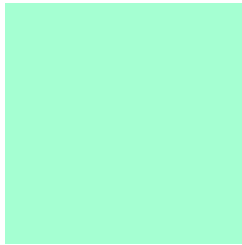
23.6428, 11.9464, 12.0353



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 62.9099, 84.1725, 73.9040 looks on a white background.

Color Contrast Check

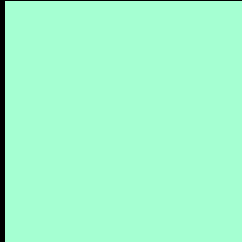
Large Text (above 18pt) WCAG AA × Fail

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 62.9099, 84.1725, 73.9040 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 62.9099, 84.1725, 73.9040

Background



This preview shows how black text looks on a background with the XYZ color 62.9099, 84.1725, 73.9040.



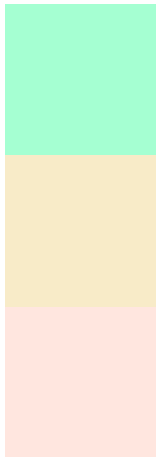
This preview shows how white text looks on a background with the XYZ color 62.9099, 84.1725,

73.9040.

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

62.9099, 84.1725, 73.9040

Protanopia

78.8451, 83.5433, 66.6135

Deuteranopia

82.8561, 83.1813, 81.5007



Tritanopia

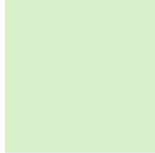
74.7292, 84.0177, 106.8861

Trichromacy



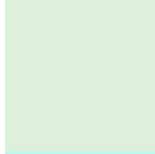
Original Color

62.9099, 84.1725, 73.9040



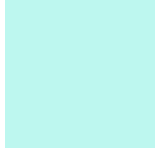
Protanomaly

71.5647, 82.7693, 69.3310



Deuteranomaly

73.6456, 82.3246, 78.3384



Tritanomaly

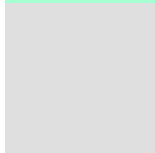
69.8270, 83.5723, 94.1122

Monochromacy



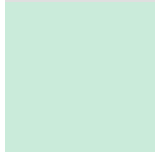
Original Color

62.9099, 84.1725, 73.9040



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.7203, 77.0352, 77.6824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9099, 84.1725, 73.9040 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(165, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 210)  
}
```

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(165, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 62.9099, 84.1725, 73.9040 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(165, 255, 210) }
```


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

```
.border{ border-color:rgb(165, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9099, 84.1725, 73.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 210) }
```

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

```
.background{ background-color: rgb(165,  
255, 210) }
```

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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