

Converting Colors

XYZ(62.4682, 83.9012, 75.8529)

Have a look what the booklet for
XYZ(62.4682, 83.9012, 75.8529)
contains.

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Color

**XYZ(62.4682, 83.9012,
75.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FFD5
RGB	161, 255, 213
RGB Percent	63%, 100%, 84%
CMY	0.3686, 0.0000, 0.1647
CMYK	0.37, 0.00, 0.16, 0.00
HSL	153°, 100%, 82%
HSV	153°, 37%, 100%
XYZ	62.4682, 83.9012, 75.8529
YIQ	222.1060, -42.5420, -32.9900

Conversions

Conversions Part 2

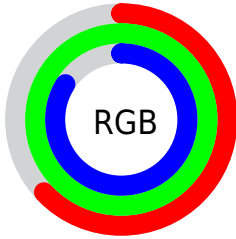
Format	Color
RYB	161, 222, 255
Decimal	10616789
CIELab	93.41, -36.86, 11.34
CIELCh	93, 38.568, 162.905
Yxy	83.9012, 0.2811, 0.3776
Android (android.graphics.Color)	4288806869 (0xFFA1FFD5)
YUV	222.1060, -4.4893, -53.5900
Hunter-Lab	91.5976, -38.5615, 15.0197

Details

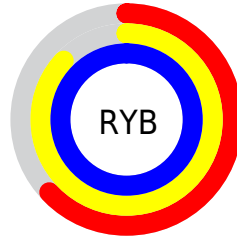
The XYZ color **62.4682, 83.9012, 75.8529** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.7649, 51.0625, 62.9428**, and the grayscale version is **69.5581, 73.1806, 79.6937**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **32.1913, 45.8600, 39.5030** is the 20% darker color. If you saturate the color by 10%, you get **56.4471, 80.9584, 68.2859**, and if you desaturate by 10%, it is **69.6403, 87.4255, 84.0069**.

Distribution



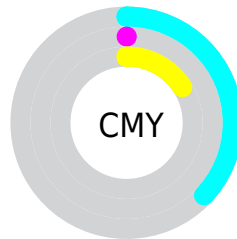
- Red (63%)
- Green (100%)
- Blue (84%)



- Red (63%)
- Yellow (87%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4682, 83.9012, 75.8529 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 62.4682, 83.9012, 75.8529 by changing the saturation by 10% instead.


 62.4682, 83.9012,
75.8529


 62.4682, 83.9012,
75.8529


423.3273,
507.9851, 500.1774

 45.6682, 62.9339,
55.8060


 107.4881,
138.8370, 129.2771

 32.1875, 45.7877,
39.6444


 136.4386,
173.5742, 163.4915

 21.6610, 32.0783,
26.9497


170.1699,
213.6702, 203.2654

 13.7232, 21.4213,
17.3034

209.0475,
259.5093, 249.0175

 8.0088, 13.4323,
10.2868

253.4367,
311.4759, 301.1662

 4.1525, 7.7269,
5.4814

303.7028,

 1.7887, 3.9207,

369.9545, 360.1300

2.4688

360.2112,
435.3294, 426.3276

■ 0.5109, 1.6293,
0.8235

■ 0.0000, 0.3772,
0.0000

■ 62.4682, 83.9012,
75.8529

■ 62.4682, 83.9012,
75.8529

■ 56.4471, 80.9584,
68.2859

■ 69.6403, 87.4255,
84.0069

■ 51.5085, 78.5623,
61.2879

■ 78.0218, 91.5613,
92.7570

■ 47.5800, 76.6756,
54.8456

■ 87.6697, 96.3378,
102.1175

■ 44.5785, 75.2558,
48.9435

95.0500, 100.0000,
108.9000

■ 42.4071, 74.2532,
43.5653

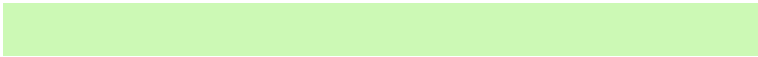
■ 40.9434, 73.6049,
38.6927

■ 40.5726, 73.4451,
37.2631

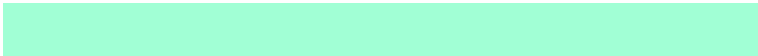
Harmonies

Analogous

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



67.1534, 83.9012, 56.1501



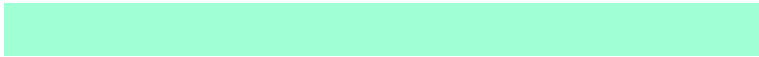
62.4682, 83.9012, 75.8529



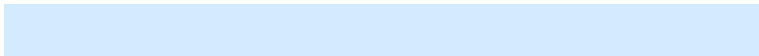
62.1542, 83.9012, 104.4491

Triad

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



62.4682, 83.9012, 75.8529



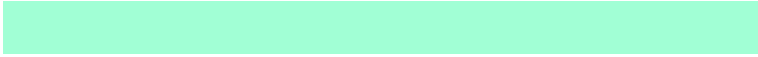
84.1957, 83.9012, 157.5813



94.9526, 83.9012, 58.2701

Complementary

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



62.4682, 83.9012, 75.8529



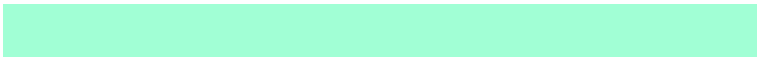
64.7649, 51.0625, 62.9428

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.



100.3776, 83.9012, 79.4022



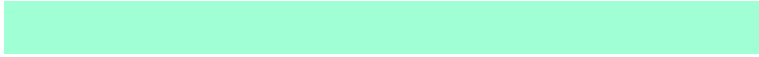
62.4682, 83.9012, 75.8529



93.8210, 83.9012, 138.8518

Square

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



62.4682, 83.9012, 75.8529



74.1314, 83.9012, 156.0614



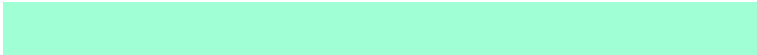
99.9467, 83.9012, 108.8353



85.6363, 83.9012, 47.5803

Rectangle

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



62.4682, 83.9012, 75.8529



64.4210, 83.9012, 125.3012



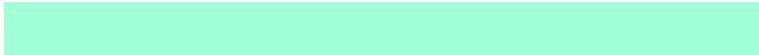
99.9467, 83.9012, 108.8353



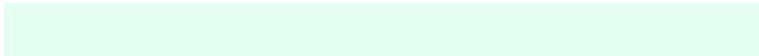
97.3259, 83.9012, 64.1693

Sweetspot

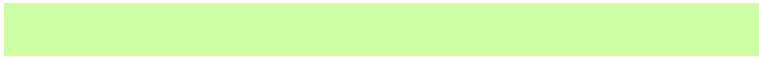
The Sweet Spot groups the original color and five complimentary colors.



62.4690, 83.9015, 75.8543



83.5201, 94.2817, 98.1690



66.9040, 86.8322, 46.9535



17.5961, 20.0412, 20.7402



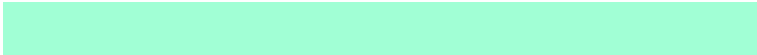
0.0000, 0.0000, 0.0000



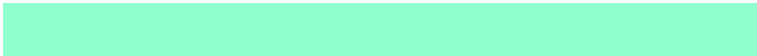
20.3446, 21.4041, 23.3091

Same Dimension

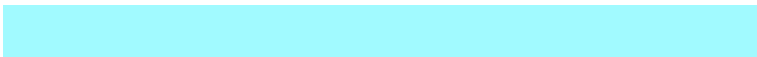
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4690, 83.9015, 75.8543



58.0567, 81.7433, 70.3929



67.0274, 83.3552, 107.1642



18.1922, 20.3364, 21.3150



21.2765, 38.4072, 19.8730



2.1267, 3.7616, 2.2249

Inverse Universe

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



64.7649, 51.0625, 62.9428



60.6504, 44.6921, 55.8415



61.2554, 50.9977, 40.3344



18.3467, 18.1220, 20.4427



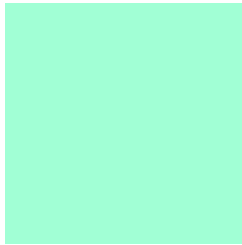
23.2064, 11.7719, 9.7375



2.3136, 1.1678, 1.2327

Previews

White Background



This preview shows how the XYZ color 62.4682, 83.9012, 75.8529 looks on a white background.

Color Contrast Check

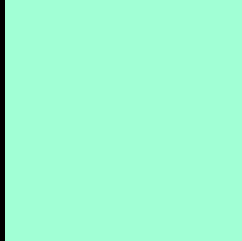
Large Text (above 18pt) WCAG AA × Fail

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 62.4682, 83.9012, 75.8529 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 62.4682, 83.9012, 75.8529

Background



This preview shows how black text looks on a background with the XYZ color 62.4682, 83.9012, 75.8529.



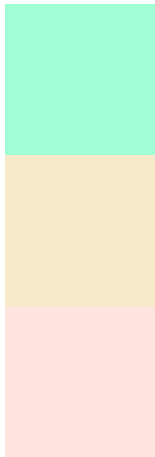
This preview shows how white text looks on a background with the XYZ color 62.4682, 83.9012,

75.8529.

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

62.4682, 83.9012, 75.8529

Protanopia

78.4413, 82.8841, 67.7410

Deuteranopia

82.7139, 82.6804, 82.1204



Tritanopia

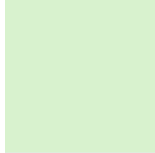
74.1880, 83.7387, 106.8608

Trichromacy



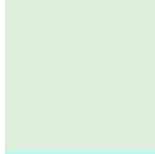
Original Color

62.4682, 83.9012, 75.8529



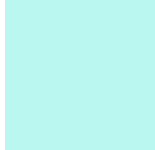
Protanomaly

71.2116, 82.5594, 70.5748



Deuteranomaly

73.3116, 81.6885, 79.6137



Tritanomaly

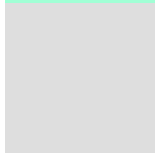
69.2386, 83.2519, 94.8580

Monochromacy



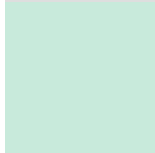
Original Color

62.4682, 83.9012, 75.8529



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.0284, 76.2395, 78.2535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4682, 83.9012, 75.8529 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(161, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 213)  
}
```

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(161, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.4682, 83.9012, 75.8529 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(161, 255, 213) }
```


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

```
.border{ border-color:rgb(161, 255, 213) }
```

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

Here you see how a box with a 4 pixel rgb(161, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4682, 83.9012, 75.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 213) }
```

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

```
.background{ background-color: rgb(161,  
255, 213) }
```

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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