

Converting Colors

XYZ(62.1519, 83.7666, 74.5538)

Have a look what the booklet for
XYZ(62.1519, 83.7666, 74.5538)
contains.

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Color

**XYZ(62.2158, 83.8002,
74.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	A1FFD3
RGB	161, 255, 211
RGB Percent	63%, 100%, 83%
CMY	0.3686, 0.0000, 0.1725
CMYK	0.37, 0.00, 0.17, 0.00
HSL	152°, 100%, 82%
HSV	152°, 37%, 100%
XYZ	62.2158, 83.8002, 74.5240
YIQ	221.8780, -41.9000, -33.6120

Conversions

Conversions Part 2

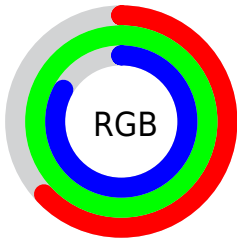
Format	Color
RYB	161, 222, 255
Decimal	10616787
CIELab	93.36, -37.26, 12.30
CIELCh	93, 39.239, 161.728
Yxy	83.8002, 0.2821, 0.3800
Android (android.graphics.Color)	4288806867 (0xFFA1FFD3)
YUV	221.8780, -5.3629, -53.3900
Hunter-Lab	91.5424, -38.8838, 15.8122

Details

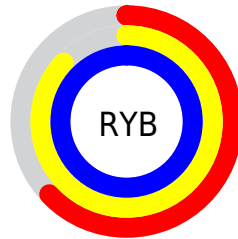
The XYZ color **62.2158, 83.8002, 74.5240** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.0048, 51.1584, 64.2062**, and the grayscale version is **69.4027, 73.0171, 79.5156**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **32.0205, 45.7917, 38.6035** is the 20% darker color. If you saturate the color by 10%, you get **56.1492, 80.8393, 66.7173**, and if you desaturate by 10%, it is **69.4429, 87.3465, 82.9678**.

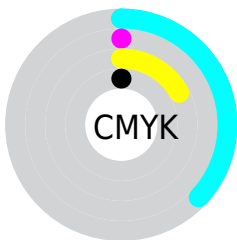
Distribution



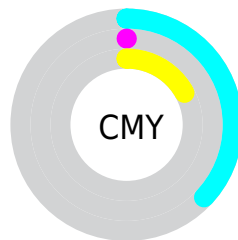
- Red (63%)
- Green (100%)
- Blue (83%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2158, 83.8002, 74.5240 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 62.2158, 83.8002, 74.5240 by changing the saturation by 10% instead.


 62.2158, 83.8002,
74.5240


 62.2158, 83.8002,
74.5240


422.4228,
507.6495, 495.4916

 45.4634, 62.8505,
54.7236


 107.1255,
138.6957, 127.3792

 32.0254, 45.7203,
38.7834


 136.0135,
173.4102, 161.2712

 21.5365, 32.0251,
26.2847


169.6774,
213.4818, 200.6974

 13.6314, 21.3807,
16.8091

208.4826,
259.2948, 246.0764

 7.9448, 13.4026,
9.9380

252.7944,
311.2337, 297.8268

 4.1111, 7.7063,
5.2528

302.9781,

 1.7652, 3.9076,

369.6829, 356.3671

2.3350

359.3991,
435.0267, 422.1159

0.4966, 1.6220,
0.7507

0.0000, 0.3724,
0.0000

62.2158, 83.8002,
74.5240

62.2158, 83.8002,
74.5240

56.1492, 80.8393,
66.7173

69.4429, 87.3465,
82.9678

51.1743, 78.4286,
59.5280

77.8893, 91.5083,
92.0595

47.2183, 76.5309,
52.9409

87.6122, 96.3148,
101.8149

44.1978, 75.1035,
46.9389

95.0500, 100.0000,
108.9000

■ 42.0156, 74.0966,
41.5033

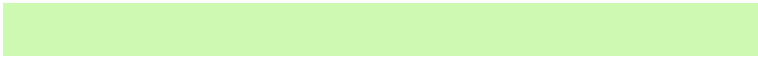
■ 40.5487, 73.4470,
36.6141

■ 40.1785, 73.2874,
35.1873

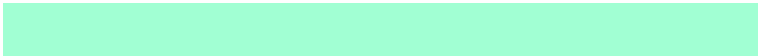
Harmonies

Analogous

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



67.1307, 83.8002, 54.9917



62.2158, 83.8002, 74.5240



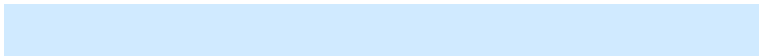
61.7187, 83.8002, 103.3195

Triad

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



62.2158, 83.8002, 74.5240



83.7613, 83.8002, 159.1558



95.4353, 83.8002, 58.3384

Complementary

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



62.2158, 83.8002, 74.5240



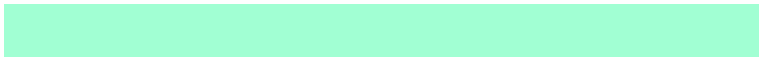
65.0048, 51.1584, 64.2062

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.



100.7550, 83.8002, 80.1484



62.2158, 83.8002, 74.5240



93.6354, 83.8002, 140.7021

Square

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



62.2158, 83.8002, 74.5240



73.5747, 83.8002, 156.7293



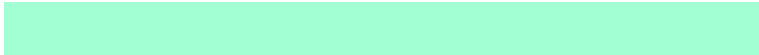
100.0692, 83.8002, 110.2950



86.0500, 83.8002, 47.1371

Rectangle

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



62.2158, 83.8002, 74.5240



63.9013, 83.8002, 124.5987



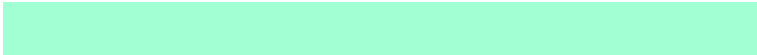
100.0692, 83.8002, 110.2950



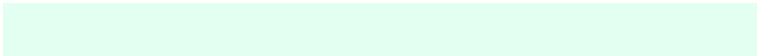
97.7934, 83.8002, 64.4464

Sweetspot

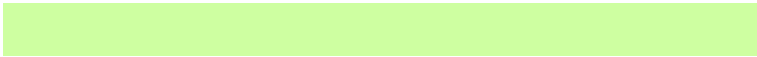
The Sweet Spot groups the original color and five complimentary colors.



62.2166, 83.8006, 74.5254



83.4303, 94.2458, 97.6965



67.7677, 87.2774, 46.9938



17.5747, 20.0327, 20.6276



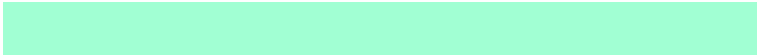
0.0000, 0.0000, 0.0000



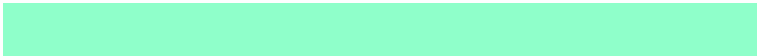
20.3446, 21.4041, 23.3091

Same Dimension

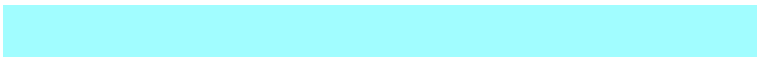
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2166, 83.8006, 74.5254



57.7709, 81.6289, 68.8880



68.0107, 85.3218, 107.4920



18.1754, 20.3297, 21.2268



21.0703, 38.3247, 18.7874



2.1068, 3.7536, 2.1201

Inverse Universe

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



65.0048, 51.1584, 64.2062



60.9188, 44.7995, 57.2548



60.6940, 49.8749, 40.1472



18.3632, 18.1286, 20.5299



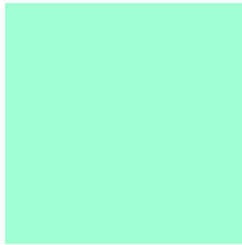
23.3738, 11.8388, 10.6191



2.3304, 1.1745, 1.3215

Previews

White Background



This preview shows how the XYZ color 62.2158, 83.8002, 74.5240 looks on a white background.

Color Contrast Check

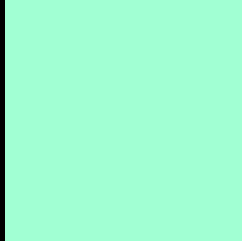
Large Text (above 18pt) WCAG AA × Fail

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 62.2158, 83.8002, 74.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

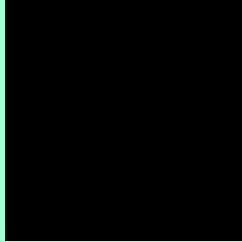
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2158, 83.8002, 74.5240

Background



This preview shows how black text looks on a background with the XYZ color 62.2158, 83.8002, 74.5240.



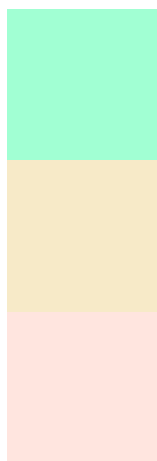
This preview shows how white text looks on a background with the XYZ color 62.2158, 83.8002,

74.5240.

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

62.2158, 83.8002, 74.5240

Protanopia

78.2059, 82.7899, 66.5017

Deuteranopia

82.5786, 82.6263, 81.4082



Tritanopia

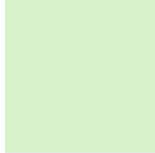
73.6215, 83.0036, 106.7488

Trichromacy



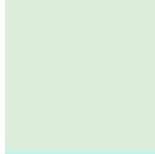
Original Color

62.2158, 83.8002, 74.5240



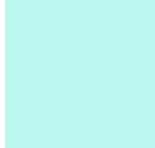
Protanomaly

70.9701, 82.4628, 69.3031



Deuteranomaly

73.1795, 81.6357, 78.9181



Tritanomaly

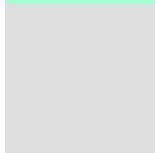
69.0905, 83.1926, 94.0777

Monochromacy



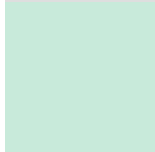
Original Color

62.2158, 83.8002, 74.5240



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.8971, 76.1870, 77.5621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2158, 83.8002, 74.5240 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(161, 255, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.2158, 83.8002, 74.5240 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, 211) }
```


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

```
.border{ border-color:rgb(161, 255, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2158, 83.8002, 74.5240 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, 211) }
```

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

```
.background{ background-color: rgb(161,  
255, 211) }
```

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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