

Converting Colors

XYZ(61.9395, 83.8647, 65.1634)

Have a look what the booklet for
XYZ(61.9395, 83.8647, 65.1634)
contains.

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Color

**XYZ(61.8723, 83.8304,
65.1444)**

Conversions

Conversions Part 1

Format	Color
Hex	A8FFC4
RGB	168, 255, 196
RGB Percent	66%, 100%, 77%
CMY	0.3412, 0.0000, 0.2314
CMYK	0.34, 0.00, 0.23, 0.00
HSL	139°, 100%, 83%
HSV	139°, 34%, 100%
XYZ	61.8723, 83.8304, 65.1444
YIQ	222.2610, -32.9130, -36.7930

Conversions

Conversions Part 2

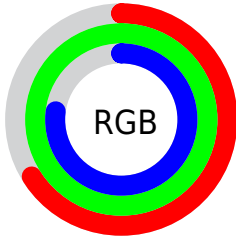
Format	Color
RYB	168, 234, 255
Decimal	11075524
CIELab	93.38, -38.12, 20.05
CIELCh	93, 43.071, 152.251
Yxy	83.8304, 0.2934, 0.3976
Android (android.graphics.Color)	4289265604 (0xFFA8FFC4)
YUV	222.2610, -12.9467, -47.5869
Hunter-Lab	91.5589, -39.6042, 21.9063

Details

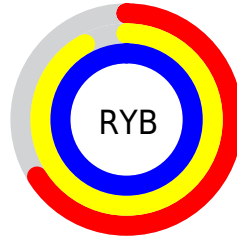
The XYZ color **61.8723, 83.8304, 65.1444** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69.1081, 54.8120, 79.6103**, and the grayscale version is **69.7207, 73.3516, 79.8799**.

A 20% lighter version of the original color is **84.5410, 94.6194, 106.7361**, and **31.8866, 45.8519, 32.7609** is the 20% darker color. If you saturate the color by 10%, you get **55.1090, 80.5582, 55.1386**, and if you desaturate by 10%, it is **69.9283, 87.7426, 76.3977**.

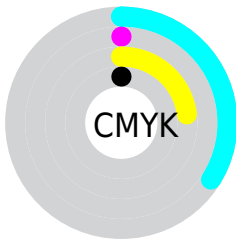
Distribution



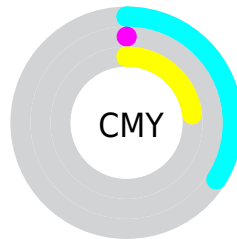
- Red (66%)
- Green (100%)
- Blue (77%)



- Red (66%)
- Yellow (92%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8723, 83.8304, 65.1444 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 61.8723, 83.8304, 65.1444 by changing the saturation by 10% instead.


 61.8723, 83.8304,
65.1444

 61.8723, 83.8304,
65.1444


421.1901,
507.7499, 461.6311

 45.1847, 62.8754,
47.1261

 106.6319,
138.7379, 113.8727

 31.8049, 45.7404,
32.7803


135.4347,
173.4592, 145.4198

 21.3673, 32.0410,
21.6884


169.0066,
213.5381, 182.3135

 13.5067, 21.3928,
13.4320

207.7129,
259.3590, 224.9724

 7.8578, 13.4115,
7.5925

251.9191,
311.3062, 273.8151

 4.0551, 7.7125,
3.7513

301.9905,

 1.7334, 3.9115,

369.7641, 329.2601

1.4899

358.2923,
435.1172, 391.7259

■ 0.4770, 1.6242,
0.2104

■ 0.0000, 0.3738,
0.0000

■ 61.8723, 83.8304,
65.1444

■ 61.8723, 83.8304,
65.1444

■ 55.1090, 80.5582,
55.1386

■ 69.9283, 87.7426,
76.3977

■ 49.5662, 77.8900,
46.3329

■ 79.3397, 92.3266,
88.9357

■ 45.1675, 75.7871,
38.6829

■ 90.1675, 97.6129,
102.7988

■ 41.8266, 74.2062,
32.1396

95.0500, 100.0000,
108.9000

■ 39.4441, 73.0970,
26.6505

■ 37.8995, 72.3986,
22.1583

■ 37.2857, 72.1303,
19.9543

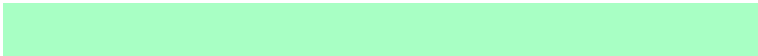
Harmonies

Analogous

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



68.5838, 83.8304, 47.9430



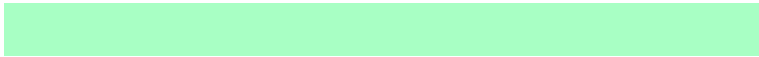
61.8723, 83.8304, 65.1444



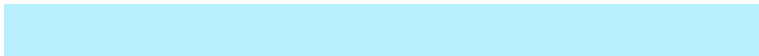
59.7886, 83.8304, 93.7557

Triad

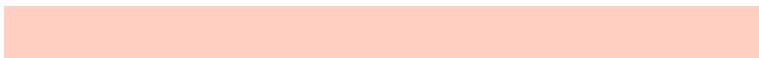
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8723, 83.8304, 65.1444



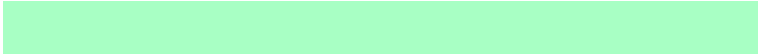
80.5391, 83.8304, 169.1182



99.6107, 83.8304, 61.8051

Complementary

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



61.8723, 83.8304, 65.1444



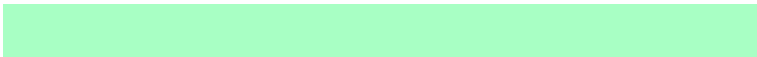
69.1081, 54.8120, 79.6103

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.



103.5519, 83.8304, 88.8425



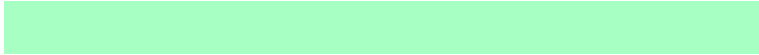
61.8723, 83.8304, 65.1444



91.9090, 83.8304, 155.0446

Square

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



61.8723, 83.8304, 65.1444



69.9370, 83.8304, 158.5682



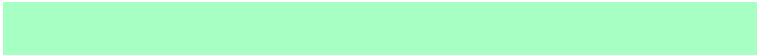
100.6094, 83.8304, 123.6029



90.2846, 83.8304, 46.3615

Rectangle

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



61.8723, 83.8304, 65.1444



61.1274, 83.8304, 117.0668



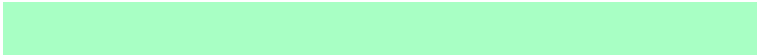
100.6094, 83.8304, 123.6029



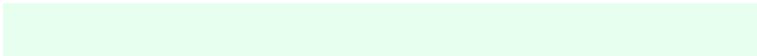
101.6472, 83.8304, 69.5837

Sweetspot

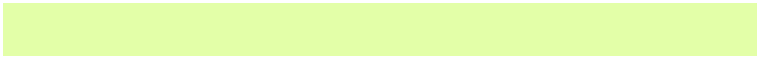
The Sweet Spot groups the original color and five complimentary colors.



61.8729, 83.8307, 65.1457



83.6225, 94.4162, 94.4803



74.6490, 90.7515, 50.6291



17.5799, 20.0534, 19.8121



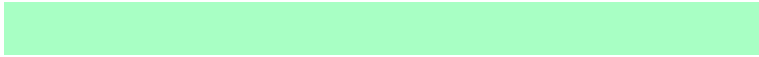
0.0000, 0.0000, 0.0000



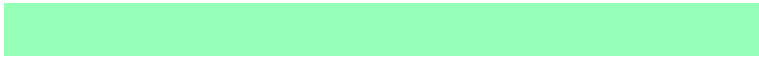
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8729, 83.8307, 65.1457



57.0828, 81.5117, 58.1267



67.4963, 86.0800, 94.7581



18.0125, 20.2645, 20.3688



19.5427, 37.7137, 10.7429



1.9503, 3.6910, 1.2959

Inverse Universe

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



69.1081, 54.8120, 79.6103



65.3162, 48.4558, 74.5622



63.8897, 52.7247, 52.1304



18.5293, 18.1951, 21.4047



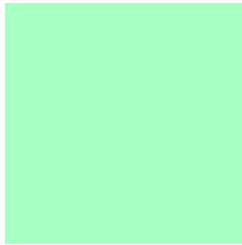
25.5577, 12.7124, 22.1191



2.5384, 1.2578, 2.4169

Previews

White Background



This preview shows how the XYZ color 61.8723, 83.8304, 65.1444 looks on a white background.

Color Contrast Check

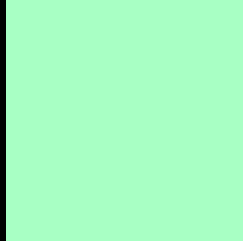
Large Text (above 18pt) WCAG AA × Fail

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 61.8723, 83.8304, 65.1444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

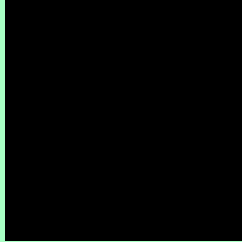
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

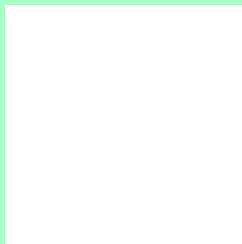
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8723, 83.8304, 65.1444

Background



This preview shows how black text looks on a background with the XYZ color 61.8723, 83.8304, 65.1444.

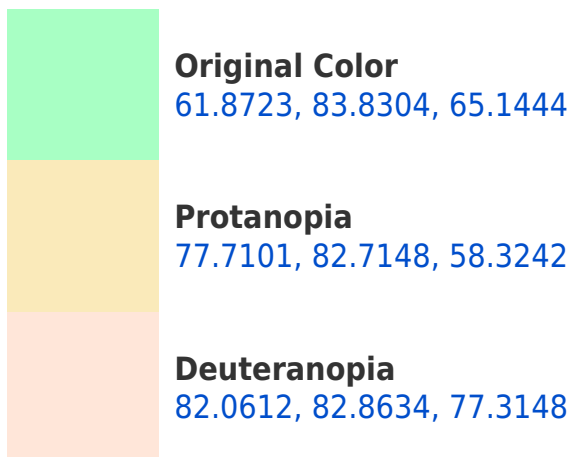


This preview shows how white text looks on a background with the XYZ color 61.8723, 83.8304,

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





Tritanopia

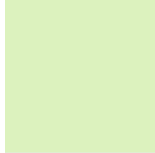
74.4307, 83.4208, 106.7866

Trichromacy



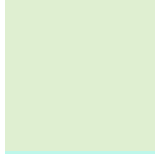
Original Color

61.8723, 83.8304, 65.1444



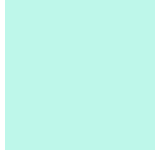
Protanomaly

70.5616, 82.4376, 60.9083



Deuteranomaly

72.8066, 82.0244, 72.3166



Tritanomaly

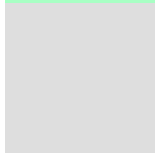
69.3473, 83.4092, 90.2865

Monochromacy



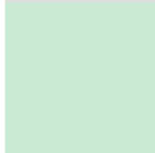
Original Color

61.8723, 83.8304, 65.1444



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.7902, 76.2063, 74.1926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8723, 83.8304, 65.1444 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(168, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 196)  
}
```

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(168, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 196) }
```

Border

The CSS property to change the border of an element to XYZ 61.8723, 83.8304, 65.1444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

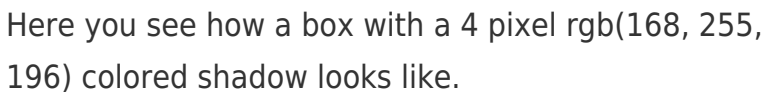
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 255, 196) }
```


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

```
.border{ border-color:rgb(168, 255, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 255, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 255, 196); box-shadow:4px 4px 4px 4px rgb(168, 255, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8723, 83.8304, 65.1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 196) }
```

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

```
.background{ background-color: rgb(168,  
255, 196) }
```

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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