

Converting Colors

XYZ(61.1608, 83.2643, 74.1170)

Have a look what the booklet for
XYZ(61.1608, 83.2643, 74.1170)
contains.

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Color

**XYZ(61.1032, 83.2411,
73.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFFD2
RGB	156, 255, 210
RGB Percent	61%, 100%, 82%
CMY	0.3882, 0.0000, 0.1765
CMYK	0.39, 0.00, 0.18, 0.00
HSL	153°, 100%, 81%
HSV	153°, 39%, 100%
XYZ	61.1032, 83.2411, 73.8194
YIQ	220.2690, -44.5590, -34.9830

Conversions

Conversions Part 2

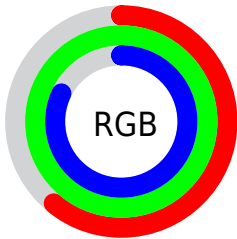
Format	Color
RYB	156, 220, 255
Decimal	10289106
CIELab	93.12, -38.81, 12.44
CIELCh	93, 40.758, 162.229
Yxy	83.2411, 0.2801, 0.3816
Android (android.graphics.Color)	4288479186 (0xFF9CFFD2)
YUV	220.2690, -5.0626, -56.3639
Hunter-Lab	91.2366, -40.1185, 15.8941

Details

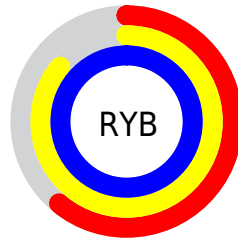
The XYZ color **61.1032, 83.2411, 73.8194** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.6716, 49.2549, 61.4101**, and the grayscale version is **68.2718, 71.8273, 78.2199**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **31.3660, 45.4640, 38.1326** is the 20% darker color. If you saturate the color by 10%, you get **55.2838, 80.4019, 66.2805**, and if you desaturate by 10%, it is **68.0645, 86.6568, 81.9605**.

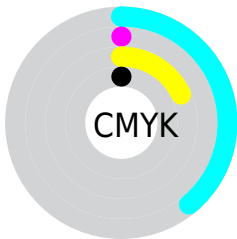
Distribution



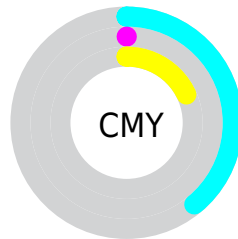
- Red (61%)
- Green (100%)
- Blue (82%)



- Red (61%)
- Yellow (86%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1032, 83.2411, 73.8194 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 61.1032, 83.2411, 73.8194 by changing the saturation by 10% instead.

 61.1032, 83.2411,
73.8194


 61.1032, 83.2411,
73.8194


418.4222,
505.7897, 492.9965

 44.5613, 62.3891,
54.1503

 105.5256,
137.9131, 126.3714

 31.3118, 45.3471,
38.3279


 134.1369,
172.5018, 160.0915

 20.9894, 31.7310,
25.9335


167.5019,
212.4383, 199.3323

 13.2287, 21.1561,
16.5485

205.9862,
258.1068, 244.5124

 7.6643, 13.2381,
9.7546

249.9550,
309.8918, 296.0504

 3.9309, 7.5927,
5.1331

299.7737,

 1.6631, 3.8355,

368.1777, 354.3647

2.2655

355.8076,
433.3489, 419.8739

■ 0.4330, 1.5820,
0.7118

■ 0.0000, 0.3454,
0.0000

■ 61.1032, 83.2411,
73.8194

■ 61.1032, 83.2411,
73.8194

■ 55.2838, 80.4019,
66.2805

■ 68.0645, 86.6568,
81.9605

■ 50.5365, 78.1036,
59.3250

■ 76.2271, 90.6795,
90.7136

■ 46.7869, 76.3081,
52.9389

■ 85.6491, 95.3389,
100.0936

■ 43.9498, 74.9717,
47.1059

95.0500, 100.0000,
108.9000

■ 41.9242, 74.0426,
41.8086

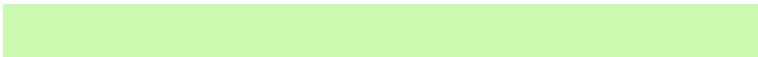
■ 40.5650, 73.4464,
37.0269

■ 40.4270, 73.3868,
36.4960

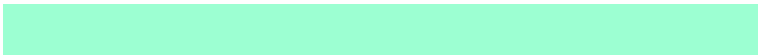
Harmonies

Analogous

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



66.0838, 83.2411, 53.6406



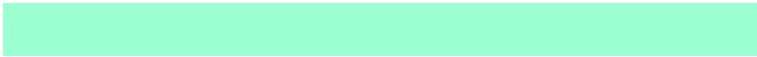
61.1032, 83.2411, 73.8194



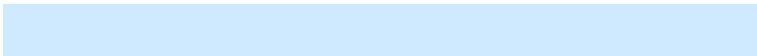
60.6710, 83.2411, 103.6945

Triad

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



61.1032, 83.2411, 73.8194



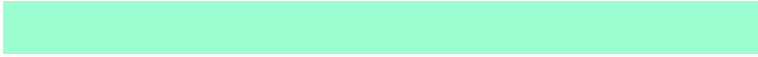
83.5555, 83.2411, 161.2536



95.3463, 83.2411, 56.5295

Complementary

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



61.1032, 83.2411, 73.8194



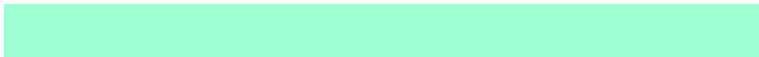
63.6716, 49.2549, 61.4101

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.



100.9701, 83.2411, 78.7215



61.1032, 83.2411, 73.8194



93.7628, 83.2411, 141.6239

Square

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



61.1032, 83.2411, 73.8194



73.0051, 83.2411, 159.0991



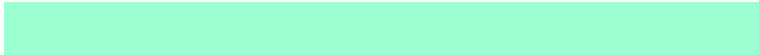
100.3658, 83.2411, 109.8289



85.5633, 83.2411, 45.3170

Rectangle

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



61.1032, 83.2411, 73.8194



62.9633, 83.2411, 125.8198



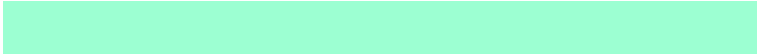
100.3658, 83.2411, 109.8289



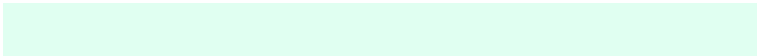
97.8239, 83.2411, 62.7101

Sweetspot

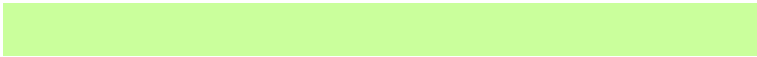
The Sweet Spot groups the original color and five complimentary colors.



61.1040, 83.2414, 73.8208



82.5154, 93.7876, 97.0443



66.1727, 86.5051, 44.6632



17.3941, 19.9420, 20.5071



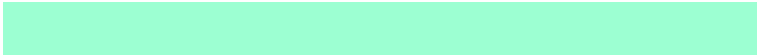
0.0000, 0.0000, 0.0000



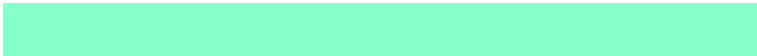
20.3446, 21.4041, 23.3091

Same Dimension

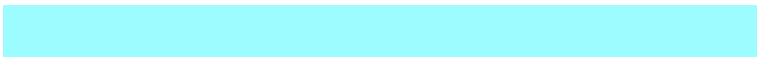
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1040, 83.2414, 73.8208



56.2625, 80.8780, 67.6107



66.4771, 83.7208, 107.2638



18.1861, 20.3340, 21.2829



21.2003, 38.3767, 19.4721



2.1193, 3.7587, 2.1863

Inverse Universe

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



63.6716, 49.2549, 61.4101



59.1784, 42.3312, 53.5530



59.6912, 48.5609, 37.6808



18.3527, 18.1244, 20.4744



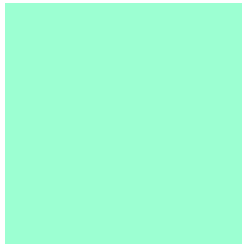
23.2662, 11.7958, 10.0525



2.3196, 1.1702, 1.2645

Previews

White Background



This preview shows how the XYZ color 61.1032, 83.2411, 73.8194 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 61.1032, 83.2411, 73.8194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

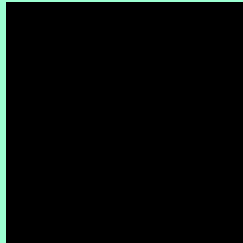
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1032, 83.2411, 73.8194

Background



This preview shows how black text looks on a background with the XYZ color 61.1032, 83.2411, 73.8194.



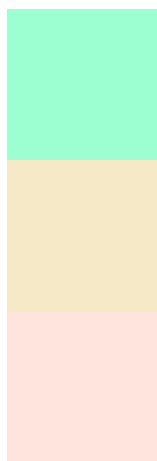
This preview shows how white text looks on a background with the XYZ color 61.1032, 83.2411,

73.8194.

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

61.1032, 83.2411, 73.8194

Protanopia

77.4538, 81.9942, 65.7770

Deuteranopia

82.1682, 82.0207, 80.6081



Tritanopia

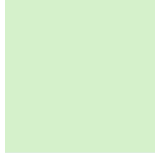
72.8281, 82.5946, 106.7116

Trichromacy



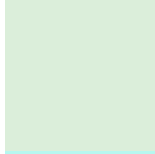
Original Color

61.1032, 83.2411, 73.8194



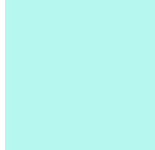
Protanomaly

69.6754, 81.3685, 68.5333



Deuteranomaly

72.4428, 81.2711, 78.1984



Tritanomaly

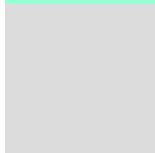
68.1322, 82.6986, 94.0328

Monochromacy



Original Color

61.1032, 83.2411, 73.8194



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.5595, 75.1060, 76.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1032, 83.2411, 73.8194 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(156, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.1032, 83.2411, 73.8194 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(156, 255, 210) }
```


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

```
.border{ border-color:rgb(156, 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(156, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1032, 83.2411, 73.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 210) }
```

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

```
.background{ background-color: rgb(156,  
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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