

Converting Colors

XYZ(61.7227, 83.8462, 60.9382)

Have a look what the booklet for
XYZ(61.7227, 83.8462, 60.9382)
contains.

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Color

**XYZ(61.7399, 83.8521,
61.0751)**

Conversions

Conversions Part 1

Format	Color
Hex	ABFFBD
RGB	171, 255, 189
RGB Percent	67%, 100%, 74%
CMY	0.3294, 0.0000, 0.2588
CMYK	0.33, 0.00, 0.26, 0.00
HSL	133°, 100%, 84%
HSV	133°, 33%, 100%
XYZ	61.7399, 83.8521, 61.0751
YIQ	222.3600, -28.8780, -38.3340

Conversions

Conversions Part 2

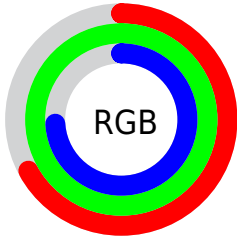
Format	Color
RYB	171, 240, 255
Decimal	11272125
CIELab	93.39, -38.47, 23.65
CIELCh	93, 45.159, 148.412
Yxy	83.8521, 0.2987, 0.4057
Android (android.graphics.Color)	4289462205 (0xFFABFFBD)
YUV	222.3600, -16.4465, -45.0427
Hunter-Lab	91.5708, -39.8986, 24.5548

Details

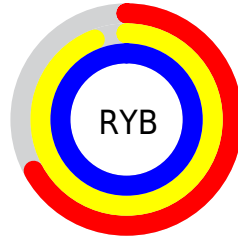
The XYZ color **61.7399, 83.8521, 61.0751** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.0892, 56.5008, 87.2792**, and the grayscale version is **69.8126, 73.4483, 79.9852**.

A 20% lighter version of the original color is **84.2363, 94.6066, 100.2074**, and **31.7697, 45.8504, 30.0973** is the 20% darker color. If you saturate the color by 10%, you get **54.6839, 80.4487, 50.1658**, and if you desaturate by 10%, it is **70.1689, 87.9284, 73.6196**.

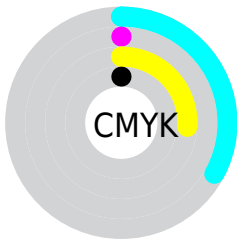
Distribution



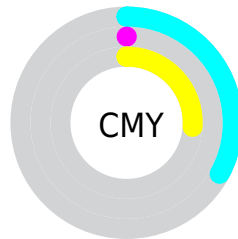
- Red (67%)
- Green (100%)
- Blue (74%)



- Red (67%)
- Yellow (94%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7399, 83.8521, 61.0751 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 61.7399, 83.8521, 61.0751 by changing the saturation by 10% instead.


 61.7399, 83.8521,
61.0751

 61.7399, 83.8521,
61.0751


420.7144,
507.8220, 446.4635

 45.0774, 62.8933,
43.8548


 106.4416,
138.7683, 107.9463

 31.7199, 45.7549,
30.2200


135.2115,
173.4945, 138.4342

 21.3022, 32.0525,
19.7522


168.7478,
213.5786, 174.1818

 13.4588, 21.4016,
12.0328

207.4160,
259.4050, 215.6076

 7.8244, 13.4179,
6.6432

251.5814,
311.3582, 263.1302

 4.0336, 7.7169,
3.1649

301.6094,

 1.7212, 3.9143,

369.8225, 317.1679

1.1795

357.8652,
435.1823, 378.1395

■ 0.4695, 1.6258,
0.0000

■ 0.0000, 0.3749,
0.0000

■ 61.7399, 83.8521,
61.0751

■ 61.7399, 83.8521,
61.0751

■ 54.6839, 80.4487,
50.1658

■ 70.1689, 87.9284,
73.6196

■ 48.9253, 77.6809,
40.8204

■ 80.0377, 92.7111,
87.8588

■ 44.3832, 75.5085,
32.9680

■ 91.4107, 98.2318,
103.8540

■ 40.9672, 73.8864,
26.5310

95.0500, 100.0000,
108.9000

■ 38.5733, 72.7628,
21.4244

■ 37.0771, 72.0757,
17.5539

■ 36.4411, 71.7925,
15.5068

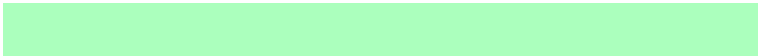
Harmonies

Analogous

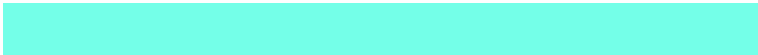
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2919, 83.8521, 44.9113



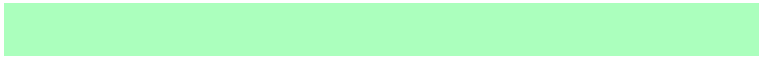
61.7399, 83.8521, 61.0751



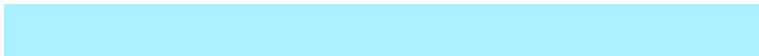
58.9291, 83.8521, 89.4947

Triad

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



61.7399, 83.8521, 61.0751



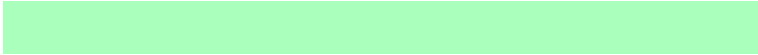
79.0658, 83.8521, 173.8044



101.5855, 83.8521, 63.5155

Complementary

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



61.7399, 83.8521, 61.0751



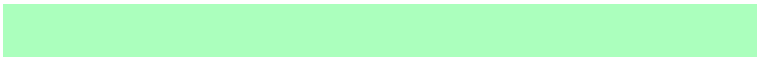
71.0892, 56.5008, 87.2792

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.



104.8521, 83.8521, 93.1308



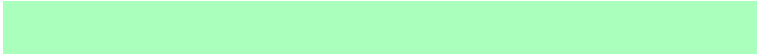
61.7399, 83.8521, 61.0751



91.0990, 83.8521, 161.9879

Square

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



61.7399, 83.8521, 61.0751



68.2951, 83.8521, 159.3380



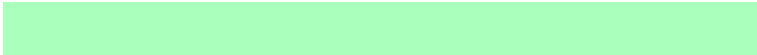
100.8410, 83.8521, 130.1441



92.3063, 83.8521, 46.0537

Rectangle

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



61.7399, 83.8521, 61.0751



59.8855, 83.8521, 113.6211



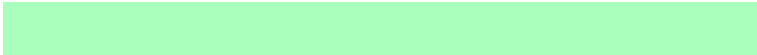
100.8410, 83.8521, 130.1441



103.4614, 83.8521, 72.1134

Sweetspot

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



61.7405, 83.8523, 61.0764



83.2232, 94.2565, 92.3774



78.4380, 92.6722, 52.2822



17.4838, 20.0150, 19.3063



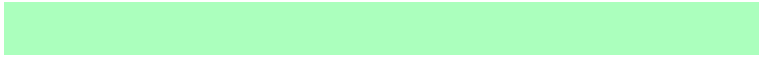
0.0000, 0.0000, 0.0000



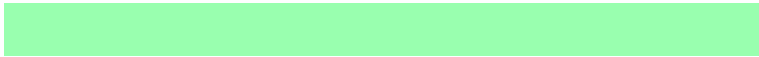
20.3446, 21.4041, 23.3091

Same Dimension

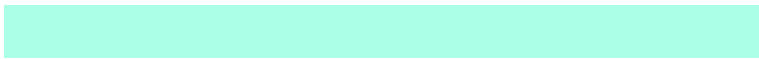
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7405, 83.8523, 61.0764



56.6208, 81.3819, 53.2086



66.8098, 85.8801, 87.7713



17.9308, 20.2319, 19.9388



19.0853, 37.5307, 8.3347



1.8963, 3.6695, 1.0119

Inverse Universe

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



71.0892, 56.5008, 87.2792



67.3595, 49.9338, 83.2849



65.7899, 54.3811, 59.3737



18.6162, 18.2298, 21.8618



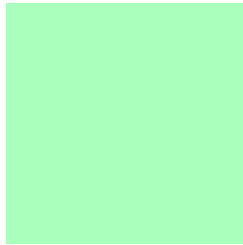
27.0752, 13.3194, 30.1103



2.6758, 1.3127, 3.1400

Previews

White Background



This preview shows how the XYZ color 61.7399, 83.8521, 61.0751 looks on a white background.

Color Contrast Check

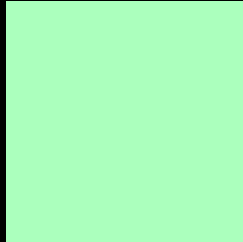
Large Text (above 18pt) WCAG AA × Fail

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 61.7399, 83.8521, 61.0751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

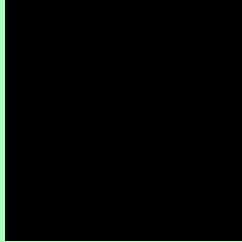
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

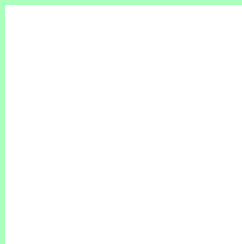
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7399, 83.8521, 61.0751

Background



This preview shows how black text looks on a background with the XYZ color 61.7399, 83.8521, 61.0751.



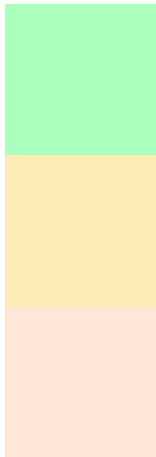
This preview shows how white text looks on a background with the XYZ color 61.7399, 83.8521,

61.0751.

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

61.7399, 83.8521, 61.0751

Protanopia

77.7302, 83.2212, 55.1465

Deuteranopia

81.8026, 82.7599, 75.9528



Tritanopia

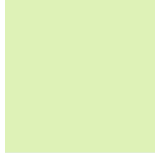
74.7040, 83.5616, 106.7994

Trichromacy



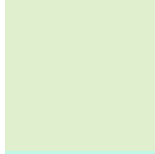
Original Color

61.7399, 83.8521, 61.0751



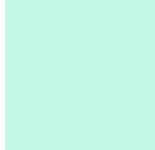
Protanomaly

70.4236, 82.4528, 57.0030



Deuteranomaly

72.7476, 82.0365, 70.3929



Tritanomaly

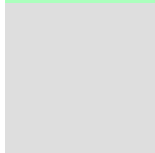
69.4228, 83.4975, 88.0590

Monochromacy



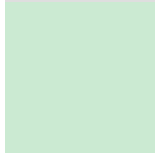
Original Color

61.7399, 83.8521, 61.0751



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.6843, 76.1953, 72.2180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7399, 83.8521, 61.0751 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(171, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 189)  
}
```

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(171, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.7399, 83.8521, 61.0751 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(171, 255, 189) }
```


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

```
.border{ border-color:rgb(171, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 255, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 255, 189); box-shadow:4px 4px 4px 4px rgb(171, 255, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7399, 83.8521, 61.0751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 189) }
```

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

```
.background{ background-color: rgb(171,  
255, 189) }
```

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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