

Converting Colors

XYZ(61.5625, 83.7813, 60.1318)

Have a look what the booklet for
XYZ(61.5625, 83.7813, 60.1318)
contains.

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Color

**XYZ(61.5242, 83.7658,
59.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	ABFFBB
RGB	171, 255, 187
RGB Percent	67%, 100%, 73%
CMY	0.3294, 0.0000, 0.2667
CMYK	0.33, 0.00, 0.27, 0.00
HSL	131°, 100%, 84%
HSV	131°, 33%, 100%
XYZ	61.5242, 83.7658, 59.9395
YIQ	222.1320, -28.2360, -38.9560

Conversions

Conversions Part 2

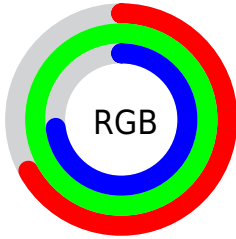
Format	Color
RYB	171, 242, 255
Decimal	11272123
CIELab	93.35, -38.81, 24.62
CIElCh	93, 45.961, 147.612
Yxy	83.7658, 0.2998, 0.4082
Android (android.graphics.Color)	4289462203 (0xFFABFFBB)
YUV	222.1320, -17.3201, -44.8428
Hunter-Lab	91.5237, -40.1748, 25.2371

Details

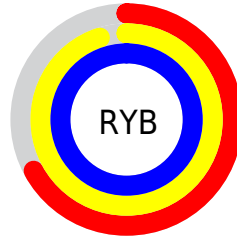
The XYZ color **61.5242, 83.7658, 59.9395** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.3830, 56.6182, 88.8266**, and the grayscale version is **69.6569, 73.2845, 79.8068**.

A 20% lighter version of the original color is **83.9326, 94.4850, 98.6077**, and **31.6302, 45.7946, 29.3625** is the 20% darker color. If you saturate the color by 10%, you get **54.4416, 80.3518, 48.8898**, and if you desaturate by 10%, it is **69.9971, 87.8597, 72.7151**.

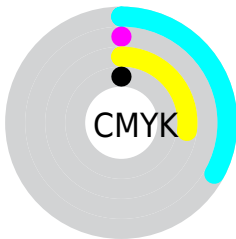
Distribution



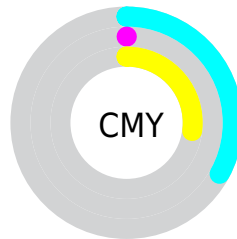
- Red (67%)
- Green (100%)
- Blue (73%)



- Red (67%)
- Yellow (95%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (33%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5242, 83.7658, 59.9395 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 61.5242, 83.7658, 59.9395 by changing the saturation by 10% instead.


 61.5242, 83.7658,
59.9395

 61.5242, 83.7658,
59.9395


419.9387,
507.5352, 442.1732

 44.9025, 62.8221,
42.9449


 106.1314,
138.6475, 106.2844

 31.5816, 45.6973,
29.5108


134.8476,
173.3543, 136.4718

 21.1961, 32.0070,
19.2187


168.3260,
213.4176, 171.8939

 13.3807, 21.3669,
11.6500

206.9320,
259.2218, 212.9691

 7.7700, 13.3924,
6.3862

251.0309,
311.1512, 260.1162

 3.9987, 7.6993,
3.0087

300.9881,

 1.7014, 3.9032,

369.5904, 313.7535

1.0991

357.1689,
434.9235, 374.2996

■ 0.4571, 1.6195,
0.0000

■ 0.0000, 0.3707,
0.0000

■ 61.5242, 83.7658,
59.9395

■ 61.5242, 83.7658,
59.9395

■ 54.4416, 80.3518,
48.8898

■ 69.9971, 87.8597,
72.7151

■ 48.6723, 77.5797,
39.4881

■ 79.9281, 92.6672,
87.2820

■ 44.1341, 75.4089,
31.6565

■ 91.3827, 98.2206,
103.7072

■ 40.7351, 73.7935,
25.3088

95.0500, 100.0000,
108.9000

■ 38.3694, 72.6813,
20.3511

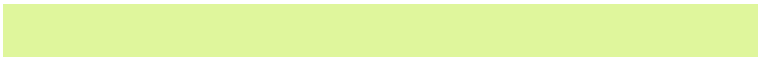
■ 36.9108, 72.0091,
16.6781

■ 36.3055, 71.7382,
14.7924

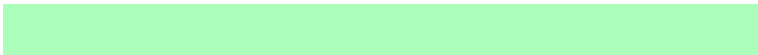
Harmonies

Analogous

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



69.3026, 83.7658, 43.9489



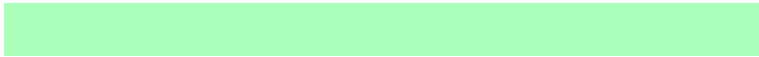
61.5242, 83.7658, 59.9395



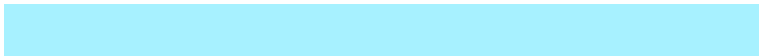
58.5398, 83.7658, 88.4554

Triad

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



61.5242, 83.7658, 59.9395



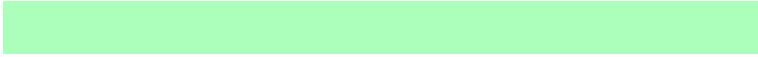
78.6503, 83.7658, 175.4029



102.0898, 83.7658, 63.6526

Complementary

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



61.5242, 83.7658, 59.9395



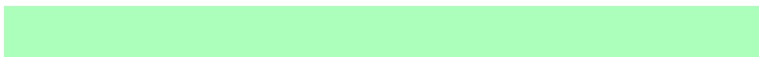
71.3830, 56.6182, 88.8266

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.



105.2284, 83.7658, 94.0145



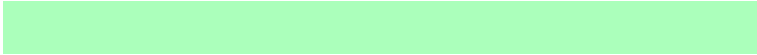
61.5242, 83.7658, 59.9395



90.9070, 83.7658, 164.0004

Square

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



61.5242, 83.7658, 59.9395



67.7814, 83.7658, 159.9246



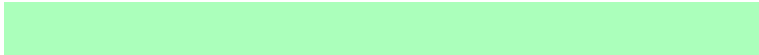
100.9486, 83.7658, 131.8052



92.7557, 83.7658, 45.6795

Rectangle

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



61.5242, 83.7658, 59.9395



59.4170, 83.7658, 112.9142



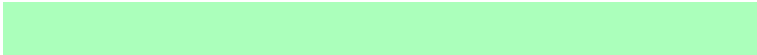
100.9486, 83.7658, 131.8052



103.9432, 83.7658, 72.4765

Sweetspot

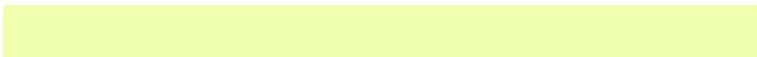
The Sweet Spot groups the original color and five complimentary colors.



61.5248, 83.7660, 59.9408



83.1356, 94.2215, 91.9163



78.9104, 92.9157, 52.3042



17.4628, 20.0065, 19.1955



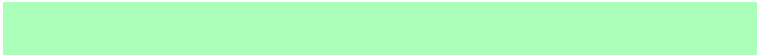
0.0000, 0.0000, 0.0000



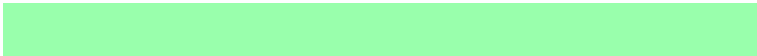
20.3446, 21.4041, 23.3091

Same Dimension

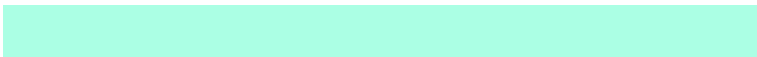
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5248, 83.7660, 59.9408



56.3847, 81.2874, 51.9650



66.6141, 85.8018, 86.7410



17.9129, 20.2247, 19.8444



19.0104, 37.5008, 7.9403



1.8866, 3.6656, 0.9606

Inverse Universe

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



71.3830, 56.6182, 88.8266



67.7091, 50.0736, 85.1261



65.9502, 54.4451, 60.2180



18.6355, 18.2375, 21.9639



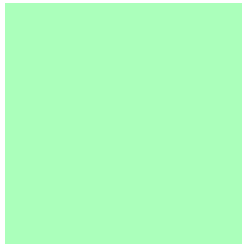
27.4499, 13.4693, 32.0835



2.7091, 1.3260, 3.3157

Previews

White Background



This preview shows how the XYZ color 61.5242, 83.7658, 59.9395 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 61.5242, 83.7658, 59.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

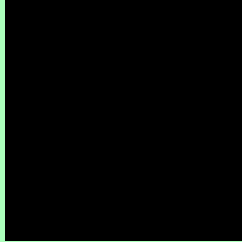
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

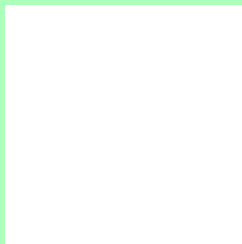
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5242, 83.7658, 59.9395

Background



This preview shows how black text looks on a background with the XYZ color 61.5242, 83.7658, 59.9395.



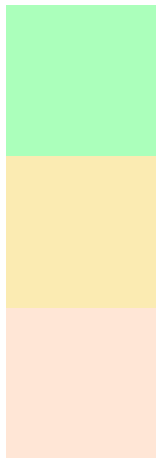
This preview shows how white text looks on a background with the XYZ color 61.5242, 83.7658,

59.9395.

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

61.5242, 83.7658, 59.9395

Protanopia

77.5279, 83.1402, 54.0810

Deuteranopia

81.6744, 82.7087, 75.2780



Tritanopia

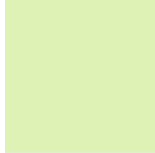
74.7040, 83.5616, 106.7994

Trichromacy



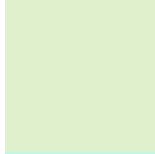
Original Color

61.5242, 83.7658, 59.9395



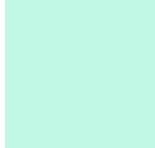
Protanomaly

70.2168, 82.3701, 55.9143



Deuteranomaly

72.5061, 81.9399, 69.1213



Tritanomaly

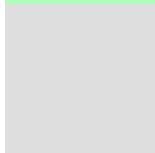
69.2819, 83.4412, 87.3171

Monochromacy



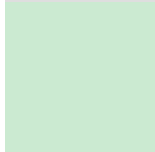
Original Color

61.5242, 83.7658, 59.9395



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.5600, 76.1456, 71.5638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5242, 83.7658, 59.9395 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 61.5242, 83.7658, 59.9395 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, 187) }
```


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

```
.border{ border-color:rgb(171, 255, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5242, 83.7658, 59.9395 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, 187) }
```

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

```
.background{ background-color: rgb(171,  
255, 187) }
```

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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