

Converting Colors

XYZ(61.0608, 79.6707, 70.4154)

Have a look what the booklet for
XYZ(61.0608, 79.6707, 70.4154)
contains.

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Color

**XYZ(60.9789, 79.5238,
70.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	AAF7CE
RGB	170, 247, 206
RGB Percent	67%, 97%, 81%
CMY	0.3333, 0.0314, 0.1921
CMYK	0.31, 0.00, 0.17, 0.03
HSL	148°, 83%, 82%
HSV	148°, 31%, 97%
XYZ	60.9789, 79.5238, 70.5282
YIQ	219.3030, -32.7310, -29.0750

Conversions

Conversions Part 2

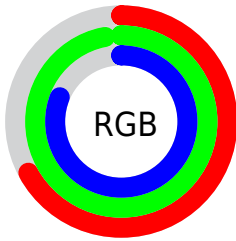
Format	Color
RYB	170, 222, 247
Decimal	11204558
CIELab	91.47, -32.00, 12.25
CIELCh	91, 34.262, 159.055
Yxy	79.5238, 0.2890, 0.3768
Android (android.graphics.Color)	4289394638 (0xFFAAF7CE)
YUV	219.3030, -6.5584, -43.2387
Hunter-Lab	89.1761, -33.9994, 15.5316

Details

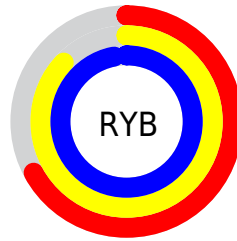
The XYZ color **60.9789, 79.5238, 70.5282** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.4931, 53.2287, 68.5063**, and the grayscale version is **67.6045, 71.1251, 77.4553**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.1512, 42.7387, 36.3133** is the 20% darker color. If you saturate the color by 10%, you get **54.6013, 76.4152, 62.2358**, and if you desaturate by 10%, it is **68.4977, 83.2096, 79.5755**.

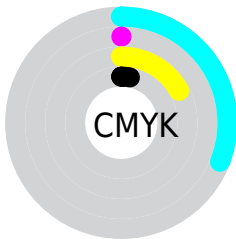
Distribution



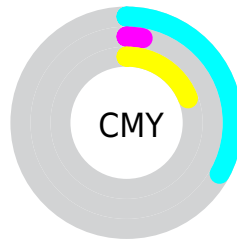
- Red (67%)
- Green (97%)
- Blue (81%)



- Red (67%)
- Yellow (87%)
- Blue (97%)



- Cyan (31%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)





- Cyan (33%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9789, 79.5238, 70.5282 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 60.9789, 79.5238, 70.5282 by changing the saturation by 10% instead.


 60.9789, 79.5238,
70.5282

 60.9789, 79.5238,
70.5282


417.9738,
493.3266, 481.2416

 44.4606, 59.3266,
51.4778


 105.3467,
132.6960, 121.6499

 31.2323, 42.8761,
36.2096


133.9269,
166.4398, 154.5582

 20.9285, 29.7879,
24.3052


167.2584,
205.4679, 192.9230

 13.1839, 19.6776,
15.3459


205.7067,
250.1646, 237.1626

 7.6332, 12.1609,
8.9132

249.6370,
300.9145, 287.6958

 3.9109, 6.8534,
4.5885

299.4147,

 1.6519, 3.3706,

358.1018, 344.9410

1.9535

355.4052,
422.1111, 409.3167

0.4259, 1.3281,
0.5264

0.0000, 0.1628,
0.0000

60.9789, 79.5238,
70.5282

60.9789, 79.5238,
70.5282

54.6013, 76.4152,
62.2358

68.4977, 83.2096,
79.5755

49.2989, 73.8436,
54.6731

77.2063, 87.4908,
89.3912

45.0086, 71.7791,
47.8211

87.1582, 92.3968,
99.9954

41.6576, 70.1845,
41.6581

92.5522, 95.0045,
108.0674

■ 39.1628, 69.0175,
36.1609

■ 37.4251, 68.2273,
31.3048

■ 36.3844, 67.7733,
27.5282

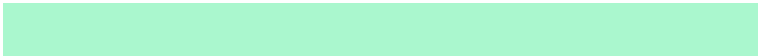
Harmonies

Analogous

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



65.5027, 79.5238, 54.3888



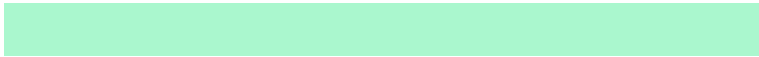
60.9789, 79.5238, 70.5282



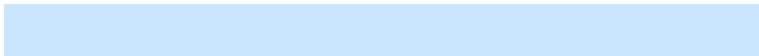
60.2030, 79.5238, 94.3698

Triad

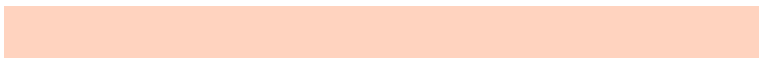
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.9789, 79.5238, 70.5282



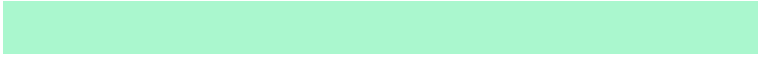
78.2555, 79.5238, 143.2092



89.3708, 79.5238, 59.7134

Complementary

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



60.9789, 79.5238, 70.5282



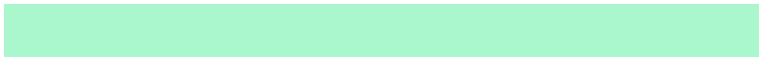
64.4931, 53.2287, 68.5063

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.



93.3863, 79.5238, 79.2461



60.9789, 79.5238, 70.5282



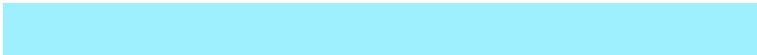
86.6522, 79.5238, 129.4979

Square

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



60.9789, 79.5238, 70.5282



69.7470, 79.5238, 139.6382



92.3549, 79.5238, 104.9173



81.7400, 79.5238, 49.0304

Rectangle

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



60.9789, 79.5238, 70.5282



61.8518, 79.5238, 112.0722



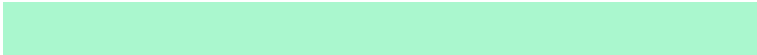
92.3549, 79.5238, 104.9173



91.2138, 79.5238, 65.2931

Sweetspot

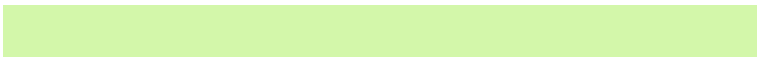
The Sweet Spot groups the original color and five complimentary colors.



60.9811, 79.5271, 70.5300



85.1993, 95.1419, 98.4932



67.4022, 83.2861, 50.5546



17.9175, 20.2074, 20.7355



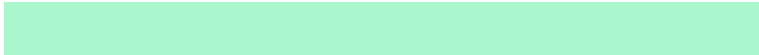
0.0000, 0.0000, 0.0000



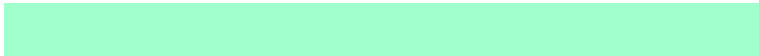
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9811, 79.5271, 70.5300



61.3780, 83.4569, 70.4796



66.2360, 81.6291, 98.2021



16.6046, 18.6010, 19.2023



19.3120, 35.8696, 14.9285



1.7488, 3.1732, 1.5829

Inverse Universe

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



64.4931, 53.2287, 68.5063



65.6679, 51.3252, 68.0014



60.2358, 51.5257, 46.0875



16.8680, 16.6300, 19.0513



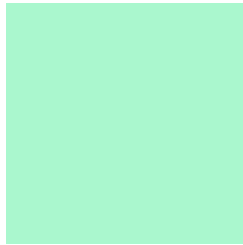
22.5441, 11.3611, 12.8397



2.0333, 1.0193, 1.4019

Previews

White Background



This preview shows how the XYZ color 60.9789, 79.5238, 70.5282 looks on a white background.

Color Contrast Check

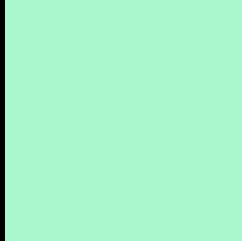
Large Text (above 18pt) WCAG AA × Fail

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 60.9789, 79.5238, 70.5282 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 60.9789, 79.5238, 70.5282

Background



This preview shows how black text looks on a background with the XYZ color 60.9789, 79.5238, 70.5282.



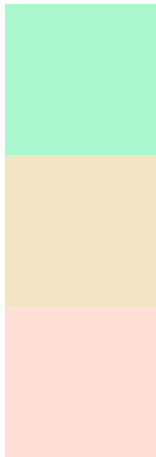
This preview shows how white text looks on a background with the XYZ color 60.9789, 79.5238,

70.5282.

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

60.9789, 79.5238, 70.5282

Protanopia

74.3730, 78.7706, 64.1077

Deuteranopia

79.7653, 78.8904, 74.6416



Tritanopia

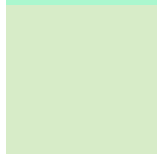
69.6108, 79.1879, 106.2237

Trichromacy



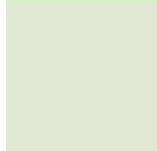
Original Color

60.9789, 79.5238, 70.5282



Protanomaly

68.4451, 78.6081, 66.2090



Deuteranomaly

71.3550, 78.2637, 72.9736



Tritanomaly

66.0328, 78.9701, 91.8832

Monochromacy



Original Color

60.9789, 79.5238, 70.5282



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.2443, 73.3112, 74.3828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9789, 79.5238, 70.5282 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(170, 247, 206)` looks like.

```
.text, #text, p{  
    color:rgb(170, 247, 206)  
}
```

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(170, 247, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 247, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.9789, 79.5238, 70.5282 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(170, 247, 206) }
```


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

```
.border{ border-color:rgb(170, 247, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 247, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 247, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 247, 206);  
box-shadow:4px 4px 4px 4px rgb(170, 247,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9789, 79.5238, 70.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 247, 206) }
```

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

```
.background{ background-color: rgb(170,  
247, 206) }
```

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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