

Converting Colors

XYZ(55.1054, 76.3271, 50.0133)

Have a look what the booklet for
XYZ(55.1054, 76.3271, 50.0133)
contains.

XYZ(55.1118, 76.4952, 49.8906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1118, 76.4952,
49.8906)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F6AA
RGB	162, 246, 170
RGB Percent	64%, 96%, 67%
CMY	0.3647, 0.0353, 0.3333
CMYK	0.34, 0.00, 0.31, 0.04
HSL	126°, 82%, 80%
HSV	126°, 34%, 96%
XYZ	55.1118, 76.4952, 49.8906
YIQ	212.2200, -25.6680, -41.4440

Conversions

Conversions Part 2

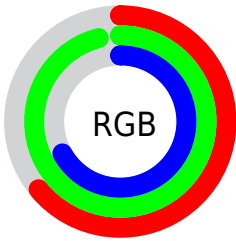
Format	Color
RYB	162, 239, 246
Decimal	10679978
CIELab	90.09, -40.34, 28.72
CIELCh	90, 49.522, 144.548
Yxy	76.4952, 0.3037, 0.4215
Android (android.graphics.Color)	4288870058 (0xFFA2F6AA)
YUV	212.2200, -20.8145, -44.0429
Hunter-Lab	87.4615, -40.5802, 27.4023

Details

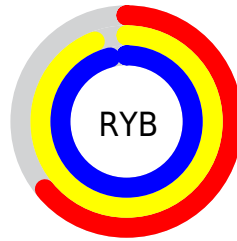
The XYZ color **55.1118, 76.4952, 49.8906** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.3615, 51.6082, 87.3557**, and the grayscale version is **62.8737, 66.1480, 72.0352**.

A 20% lighter version of the original color is **78.7009, 92.0711, 85.5750**, and **27.4719, 40.8053, 23.2579** is the 20% darker color. If you saturate the color by 10%, you get **48.6648, 73.3969, 39.5134**, and if you desaturate by 10%, it is **62.8968, 80.2465, 62.1944**.

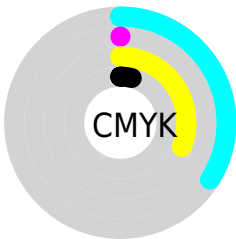
Distribution



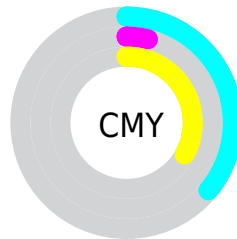
- Red (64%)
- Green (96%)
- Blue (67%)



- Red (64%)
- Yellow (94%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1118, 76.4952, 49.8906 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 55.1118, 76.4952, 49.8906 by changing the saturation by 10% instead.


 55.1118, 76.4952,
49.8906


 55.1118, 76.4952,
49.8906


396.4651,
483.0412, 402.9608

 39.7254, 56.8387,
34.9559


 96.8521, 128.4267,
91.4074

 27.5078, 40.8757,
23.3456


 123.9368,
161.4704, 118.8266

 18.0935, 28.2220,
14.6412


155.6516,
199.7453, 151.2444

 11.1172, 18.4931,
8.4242

192.3619,
243.6357, 189.0792

 6.2136, 11.3046,
4.2759

234.4330,
293.5261, 232.7498

 3.0173, 6.2721,
1.7779


282.2304,


 1.1629, 3.0112,


349.8009, 282.6745


0.4133


336.1193,
412.8445, 339.2720


 0.0768, 1.1376,
0.0000

 0.0000, 0.0098,
0.0000


 55.1118, 76.4952,
49.8906


 55.1118, 76.4952,
49.8906


 48.6648, 73.3969,
39.5134


 62.8968, 80.2465,
62.1944

 43.4746, 70.9052,
30.9605

 72.0831, 84.6748,
76.5099

 39.4605, 68.9829,
24.1279

 82.7371, 89.8149,
92.9236

 36.5298, 67.5848,
18.8991

 92.2473, 94.3945,
107.9658

■ 34.5760, 66.6586,
15.1432

■ 33.4701, 66.1413,
12.7085

■ 33.1163, 65.9781,
11.8231

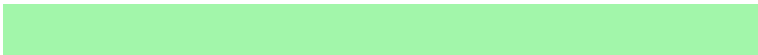
Harmonies

Analogous

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



63.3277, 76.4952, 35.6647



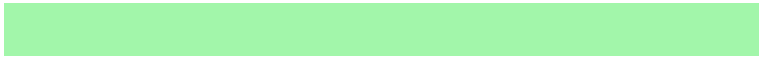
55.1118, 76.4952, 49.8906



51.6355, 76.4952, 77.0262

Triad

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



55.1118, 76.4952, 49.8906



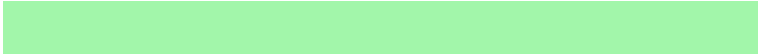
70.4849, 76.4952, 170.4162



96.3792, 76.4952, 58.2275

Complementary

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



55.1118, 76.4952, 49.8906



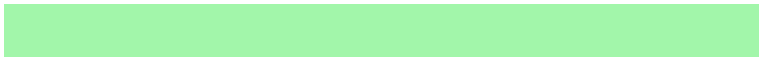
66.3615, 51.6082, 87.3557

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.



98.8474, 76.4952, 89.8850



55.1118, 76.4952, 49.8906



82.9682, 76.4952, 161.2252

Square

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



55.1118, 76.4952, 49.8906



59.8478, 76.4952, 151.4459



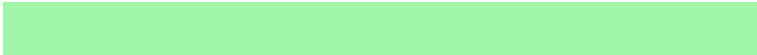
93.6960, 76.4952, 129.0140



87.2862, 76.4952, 39.4425

Rectangle

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



55.1118, 76.4952, 49.8906



52.1550, 76.4952, 101.4650



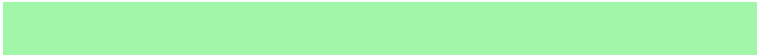
93.6960, 76.4952, 129.0140



98.0512, 76.4952, 67.4268

Sweetspot

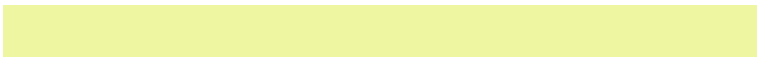
The Sweet Spot groups the original color and five complimentary colors.



55.1138, 76.4984, 49.8923



82.7883, 94.0825, 90.0872



75.0771, 86.8747, 46.9946



17.3795, 19.9732, 18.7567



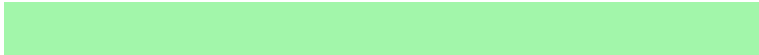
0.0000, 0.0000, 0.0000



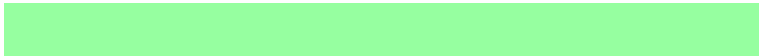
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1138, 76.4984, 49.8923



54.8016, 80.5992, 46.1140



59.6162, 78.2994, 73.6015



16.3463, 18.4977, 17.8420



17.6975, 35.2238, 6.4269



1.5766, 3.1043, 0.6765

Inverse Universe

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



66.3615, 51.6082, 87.3557



68.7062, 49.8117, 92.4133



61.0067, 49.4663, 59.1576



17.1416, 16.7395, 20.4921



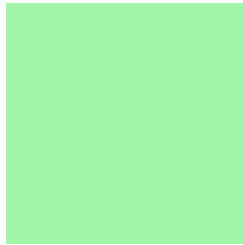
27.3933, 13.3007, 38.3748



2.4270, 1.1768, 3.4751

Previews

White Background



This preview shows how the XYZ color 55.1118, 76.4952, 49.8906 looks on a white background.

Color Contrast Check

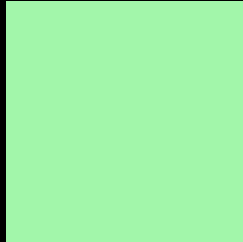
Large Text (above 18pt) WCAG AA × Fail

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 55.1118, 76.4952, 49.8906 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 55.1118, 76.4952, 49.8906

Background



This preview shows how black text looks on a background with the XYZ color 55.1118, 76.4952, 49.8906.

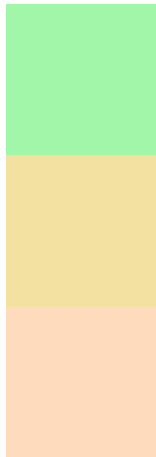


This preview shows how white text looks on a background with the XYZ color 55.1118, 76.4952,

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

55.1118, 76.4952, 49.8906

Protanopia

70.3204, 75.4783, 44.5807

Deuteranopia

75.8658, 75.6407, 59.3168



Tritanopia

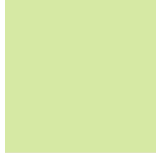
65.9578, 76.0374, 104.9663

Trichromacy



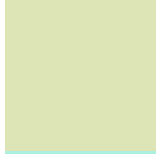
Original Color

55.1118, 76.4952, 49.8906



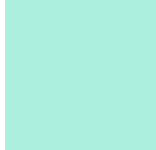
Protanomaly

63.5713, 75.2543, 46.2969



Deuteranomaly

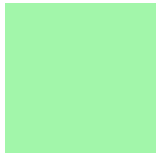
66.3853, 74.8297, 55.7444



Tritanomaly

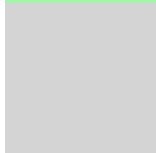
61.1990, 75.8314, 81.2234

Monochromacy



Original Color

55.1118, 76.4952, 49.8906



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.9818, 68.8119, 62.9967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1118, 76.4952, 49.8906 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(162, 246, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 170)  
}
```

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(162, 246, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 170) }
```

Border

The CSS property to change the border of an element to XYZ 55.1118, 76.4952, 49.8906 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(162, 246, 170) }
```


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

```
.border{ border-color:rgb(162, 246, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1118, 76.4952, 49.8906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 170) }
```

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

```
.background{ background-color: rgb(162,  
246, 170) }
```

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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