

Converting Colors

XYZ(55.7405, 74.4346, 55.2198)

Have a look what the booklet for
XYZ(55.7405, 74.4346, 55.2198)
contains.

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Color

**XYZ(55.7321, 74.4623,
55.1513)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A7F1B5 |
| RGB | 167, 241, 181 |
| RGB Percent | 65%, 95%, 71% |
| CMY | 0.3451, 0.0549, 0.2902 |
| CMYK | 0.31, 0.00, 0.25, 0.05 |
| HSL | 131°, 73%, 80% |
| HSV | 131°, 31%, 95% |
| XYZ | 55.7321, 74.4623, 55.1513 |
| YIQ | 212.0340, -24.8440, -34.3480 |

Conversions

Conversions Part 2

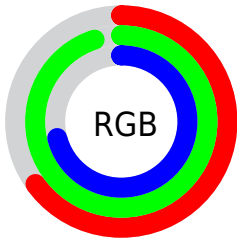
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 167, 229, 241 |
| Decimal | 11006389 |
| CIELab | 89.14, -34.69, 21.85 |
| CIELCh | 89, 41.002, 147.799 |
| Yxy | 74.4623, 0.3007, 0.4017 |
| Android (android.graphics.Color) | 4289196469 (0xFFA7F1B5) |
| YUV | 212.0340, -15.2998, -39.4948 |
| Hunter-Lab | 86.2915, -35.7245, 22.5102 |

Details

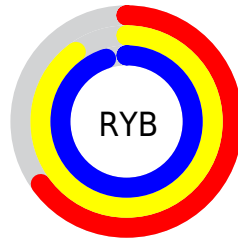
The XYZ color **55.7321, 74.4623, 55.1513** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.9619, 51.8858, 79.3198**, and the grayscale version is **62.7138, 65.9798, 71.8520**.

A 20% lighter version of the original color is **81.7865, 93.4817, 93.8539**, and **28.0553, 39.7671, 26.6192** is the 20% darker color. If you saturate the color by 10%, you get **49.2411, 71.3338, 45.1054**, and if you desaturate by 10%, it is **63.4571, 78.1986, 66.7262**.

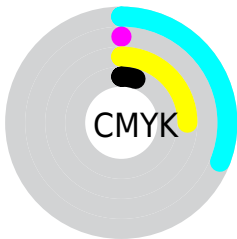
Distribution



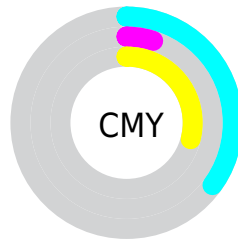
- Red (65%)
- Green (95%)
- Blue (71%)



- Red (65%)
- Yellow (90%)
- Blue (95%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)





- Cyan (35%)
- Magenta (5%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7321, 74.4623, 55.1513 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 55.7321, 74.4623, 55.1513 by changing the saturation by 10% instead.

 55.7321, 74.4623,
55.1513

 55.7321, 74.4623,
55.1513


398.7725,
476.0674, 423.7833

 40.2243, 55.1725,
39.1235


 97.7549, 125.5509,
99.2360

 27.8985, 39.5398,
26.5472


 125.0005,
158.1186, 128.1299

 18.3892, 27.1800,
17.0040


156.8896,
195.8809, 162.1495

 11.3312, 17.7084,
10.0754

193.7873,
239.2224, 201.7135

 6.3590, 10.7409,
5.3427

236.0592,
288.5274, 247.2403

 3.1073, 5.8929,
2.3875

284.0704,

 1.2107, 2.7800,

344.1803, 299.1486

0.7796

338.1864,
406.5655, 357.8567

■ 0.1148, 1.0180,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7321, 74.4623,
55.1513

■ 55.7321, 74.4623,
55.1513

■ 49.2411, 71.3338,
45.1054

■ 63.4571, 78.1986,
66.7262

■ 43.9136, 68.7719,
36.5197

■ 72.4699, 82.5630,
79.8851

■ 39.6814, 66.7449,
29.3275

■ 82.8281, 87.5860,
94.6864

■ 36.4661, 65.2140,
23.4551

■ 90.7468, 91.3935,
107.4656

■ 34.1789, 64.1352,
18.8219

■ 32.7150, 63.4561,
15.3383

■ 31.9420, 63.1076,
13.0407

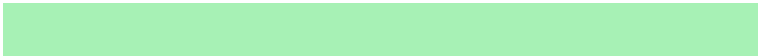
Harmonies

Analogous

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



62.1882, 74.4623, 41.4988



55.7321, 74.4623, 55.1513



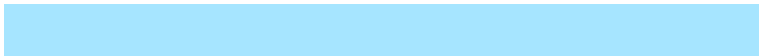
53.2619, 74.4623, 78.9818

Triad

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



55.7321, 74.4623, 55.1513



70.0389, 74.4623, 149.4121



89.1630, 74.4623, 58.0311

Complementary

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



55.7321, 74.4623, 55.1513



63.9619, 51.8858, 79.3198

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.



91.7572, 74.4623, 83.2085



55.7321, 74.4623, 55.1513



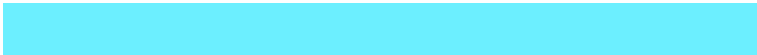
80.1162, 74.4623, 140.1288

Square

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



55.7321, 74.4623, 55.1513



61.0231, 74.4623, 137.1073



88.3051, 74.4623, 114.0696



81.5124, 74.4623, 42.8658

Rectangle

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



55.7321, 74.4623, 55.1513



54.0144, 74.4623, 99.0827



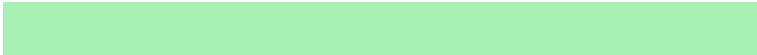
88.3051, 74.4623, 114.0696



90.6851, 74.4623, 65.3962

Sweetspot

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



55.7341, 74.4654, 55.1530



84.2523, 94.7631, 93.5063



70.2487, 82.1057, 48.7053



17.6853, 20.1145, 19.5126



0.0000, 0.0000, 0.0000



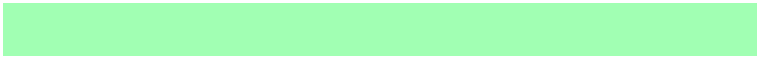
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7341, 74.4654, 55.1530



58.4737, 82.2952, 55.1860



59.9921, 76.1686, 77.5754



15.6881, 17.7053, 17.3803



17.3570, 34.2348, 7.2628



1.4772, 2.8613, 0.7794

Inverse Universe

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



63.9619, 51.8858, 79.3198



69.2317, 52.7508, 86.7685



59.4382, 50.0763, 55.4982



16.3185, 15.9771, 19.2336



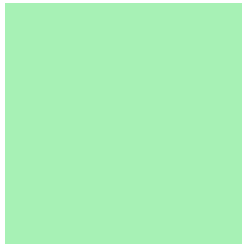
25.0855, 12.3066, 29.4303



2.1196, 1.0369, 2.6204

Previews

White Background



This preview shows how the XYZ color 55.7321, 74.4623, 55.1513 looks on a white background.

Color Contrast Check

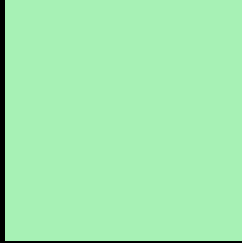
Large Text (above 18pt) WCAG AA × Fail

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 55.7321, 74.4623, 55.1513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

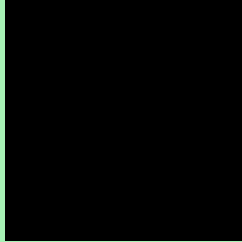
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7321, 74.4623, 55.1513

Background



This preview shows how black text looks on a background with the XYZ color 55.7321, 74.4623, 55.1513.

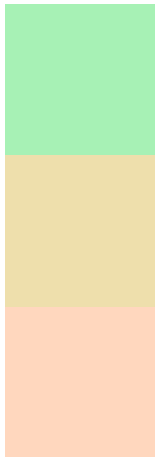


This preview shows how white text looks on a background with the XYZ color 55.7321, 74.4623,

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

55.7321, 74.4623, 55.1513

Protanopia

69.0940, 73.9311, 49.6582

Deuteranopia

74.8347, 73.5786, 58.9731



Tritanopia

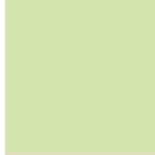
64.9343, 74.3187, 101.3650

Trichromacy



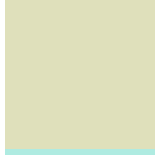
Original Color

55.7321, 74.4623, 55.1513



Protanomaly

63.1861, 73.6858, 51.4500



Deuteranomaly

66.0567, 72.5871, 57.5429



Tritanomaly

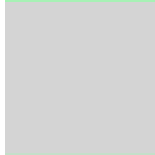
60.9781, 73.9669, 82.2973

Monochromacy



Original Color

55.7321, 74.4623, 55.1513



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.6952, 68.7282, 65.3779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7321, 74.4623, 55.1513 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(167, 241, 181)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 181)  
}
```

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(167, 241, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.7321, 74.4623, 55.1513 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(167, 241, 181) }
```


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

```
.border{ border-color:rgb(167, 241, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 241, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 241, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 241, 181);  
box-shadow:4px 4px 4px 4px rgb(167, 241,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7321, 74.4623, 55.1513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 241, 181) }
```

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

```
.background{ background-color: rgb(167,  
241, 181) }
```

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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