

Converting Colors

XYZ(55.3059, 74.0226, 56.6957)

Have a look what the booklet for
XYZ(55.3059, 74.0226, 56.6957)
contains.

| | |
|--|----|
| XYZ(55.4169, 74.2638, 56.7610) | 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(55.4169, 74.2638,
56.7610)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A4F1B8 |
| RGB | 164, 241, 184 |
| RGB Percent | 64%, 95%, 72% |
| CMY | 0.3569, 0.0549, 0.2784 |
| CMYK | 0.32, 0.00, 0.24, 0.05 |
| HSL | 136°, 73%, 79% |
| HSV | 136°, 32%, 95% |
| XYZ | 55.4169, 74.2638, 56.7610 |
| YIQ | 211.4790, -27.5950, -34.0510 |

Conversions

Conversions Part 2

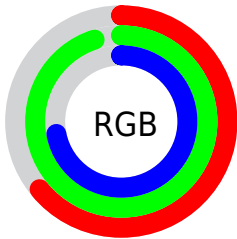
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 164, 225, 241 |
| Decimal | 10809784 |
| CIELab | 89.05, -35.08, 20.15 |
| CIELCh | 89, 40.458, 150.126 |
| Yxy | 74.2638, 0.2972, 0.3983 |
| Android (android.graphics.Color) | 4288999864 (0xFFA4F1B8) |
| YUV | 211.4790, -13.5471, -41.6391 |
| Hunter-Lab | 86.1764, -36.0220, 21.2715 |

Details

The XYZ color **55.4169, 74.2638, 56.7610** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.6048, 50.4739, 74.8525**, and the grayscale version is **62.3353, 65.5816, 71.4184**.

A 20% lighter version of the original color is **81.3070, 93.1834, 96.1389**, and **27.8761, 39.6516, 27.6570** is the 20% darker color. If you saturate the color by 10%, you get **49.1531, 71.2394, 47.3140**, and if you desaturate by 10%, it is **62.8630, 77.8746, 67.4977**.

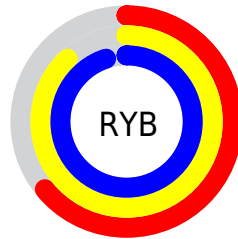
Distribution



Red (64%)

Green (95%)

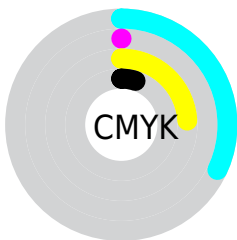
Blue (72%)



Red (64%)

Yellow (88%)

Blue (95%)

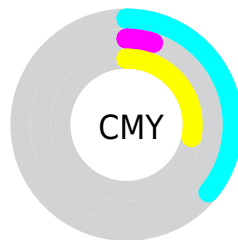


Cyan (32%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (36%)


Magenta (5%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4169, 74.2638, 56.7610 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 55.4169, 74.2638, 56.7610 by changing the saturation by 10% instead.


 55.4169, 74.2638,
56.7610


 55.4169, 74.2638,
56.7610


397.6011,
475.3833, 430.0218

 39.9708, 55.0100,
40.4053


 97.2963, 125.2697,
101.6132

 27.6999, 39.4097,
27.5385


 124.4602,
157.7906, 130.9469

 18.2388, 27.0786,
17.7421


156.2608,
195.5025, 165.4436

 11.2223, 17.6323,
10.5974

193.0634,
238.7901, 205.5218

 6.2850, 10.6863,
5.6861

235.2334,
288.0375, 251.6003

 3.0614, 5.8563,
2.5895


283.1361,


 1.1863, 2.7579,


343.6293, 304.0974


0.8870


337.1369,
405.9497, 363.4317


 0.0955, 1.0067,
0.0000


 0.0000, 0.0000,
0.0000


 55.4169, 74.2638,
56.7610


 55.4169, 74.2638,
56.7610

 49.1531, 71.2394,
47.3140


 62.8630, 77.8746,
67.4977

 44.0034, 68.7611,
39.1032

 71.5430, 82.0912,
79.5651

 39.9020, 66.7979,
32.0786

 81.5124, 86.9434,
93.0086

 36.7731, 65.3122,
26.1849

 90.7467, 91.3934,
107.4656

■ 34.5304, 64.2604,
21.3621

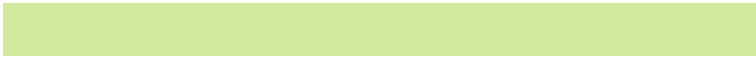
■ 33.0712, 63.5911,
17.5447

■ 32.3427, 63.2678,
15.1511

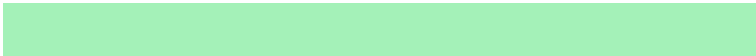
Harmonies

Analogous

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



61.5085, 74.2638, 42.4636



55.4169, 74.2638, 56.7610



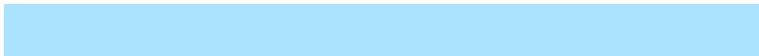
53.3046, 74.2638, 80.9796

Triad

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



55.4169, 74.2638, 56.7610



70.6270, 74.2638, 148.0559



88.2484, 74.2638, 56.5986

Complementary

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



55.4169, 74.2638, 56.7610



62.6048, 50.4739, 74.8525

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.



91.2478, 74.2638, 80.7419



55.4169, 74.2638, 56.7610



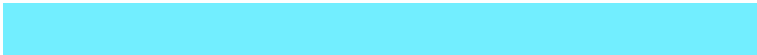
80.5143, 74.2638, 137.3692

Square

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



55.4169, 74.2638, 56.7610



61.5741, 74.2638, 137.5385



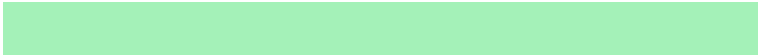
88.2966, 74.2638, 110.9669



80.4359, 74.2638, 42.3863

Rectangle

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



55.4169, 74.2638, 56.7610



54.2684, 74.2638, 100.9759



88.2966, 74.2638, 110.9669



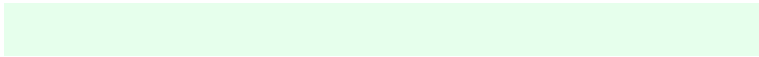
89.8837, 74.2638, 63.6117

Sweetspot

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



55.4189, 74.2669, 56.7627



83.3911, 94.3237, 93.2619



68.2066, 81.0846, 47.1788



17.5242, 20.0311, 19.5189



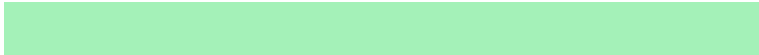
0.0000, 0.0000, 0.0000



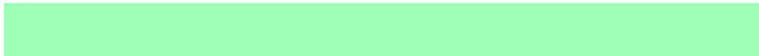
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4189, 74.2669, 56.7627



58.4554, 82.2293, 57.7373



59.9188, 76.0669, 80.4588



15.7344, 17.7238, 17.6243



17.5846, 34.3259, 8.4614



1.5022, 2.8713, 0.9111

Inverse Universe

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



62.6048, 50.4739, 74.8525



67.7432, 51.4516, 81.0997



58.1266, 48.6826, 51.2708



16.2687, 15.9572, 18.9713



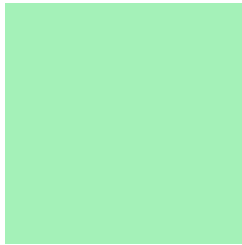
24.1092, 11.9161, 24.2893



2.0460, 1.0075, 2.2332

Previews

White Background



This preview shows how the XYZ color 55.4169, 74.2638, 56.7610 looks on a white background.

Color Contrast Check

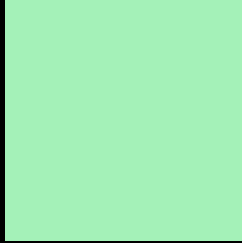
Large Text (above 18pt) WCAG AA × Fail

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 55.4169, 74.2638, 56.7610 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 55.4169, 74.2638, 56.7610

Background



This preview shows how black text looks on a background with the XYZ color 55.4169, 74.2638, 56.7610.



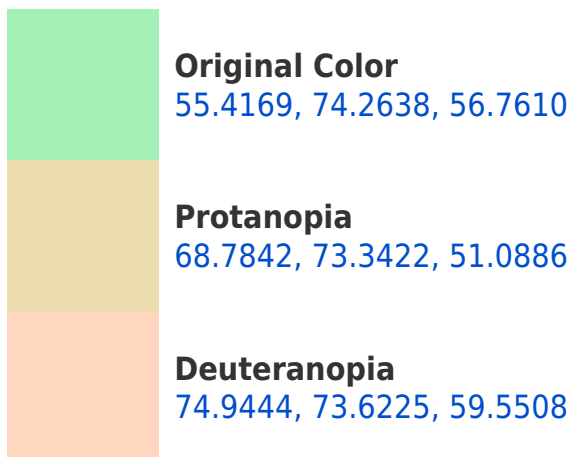
This preview shows how white text looks on a background with the XYZ color 55.4169, 74.2638, 56.7610.

56.7610.

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





Tritanopia

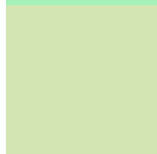
64.4007, 74.0254, 102.1608

Trichromacy



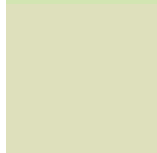
Original Color

55.4169, 74.2638, 56.7610



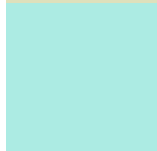
Protanomaly

62.6335, 72.9546, 52.9000



Deuteranomaly

65.8570, 72.4717, 58.0944



Tritanomaly

60.5867, 73.7334, 83.7118

Monochromacy



Original Color

55.4169, 74.2638, 56.7610



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.9120, 67.9289, 65.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4169, 74.2638, 56.7610 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(164, 241, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 241, 184)  
}
```

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(164, 241, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 241, 184) }
```

Border

The CSS property to change the border of an element to XYZ 55.4169, 74.2638, 56.7610 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(164, 241, 184) }
```


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

```
.border{ border-color:rgb(164, 241, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 241, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 241, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 241, 184); box-shadow:4px 4px 4px 4px rgb(164, 241, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4169, 74.2638, 56.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 241, 184) }
```

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

```
.background{ background-color: rgb(164,  
241, 184) }
```

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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