

Converting Colors

XYZ(55.1210, 74.0935, 48.6292)

Have a look what the booklet for
XYZ(55.1210, 74.0935, 48.6292)
contains.

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Color

**XYZ(55.3178, 74.3957,
48.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	ABF1A8
RGB	171, 241, 168
RGB Percent	67%, 95%, 66%
CMY	0.3294, 0.0549, 0.3412
CMYK	0.29, 0.00, 0.30, 0.05
HSL	118°, 72%, 80%
HSV	118°, 30%, 95%
XYZ	55.3178, 74.3957, 48.4900
YIQ	211.7480, -18.2870, -37.5430

Conversions

Conversions Part 2

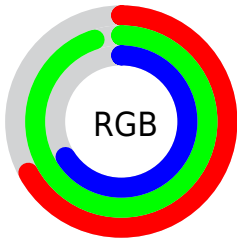
Format	Color
RYB	168, 241, 238
Decimal	11268520
CIELab	89.11, -35.60, 28.49
CIElCh	89, 45.597, 141.328
Yxy	74.3957, 0.3104, 0.4175
Android (android.graphics.Color)	4289458600 (0xFFABF1A8)
YUV	211.7480, -21.5678, -35.7360
Hunter-Lab	86.2529, -36.4628, 27.0452

Details

The XYZ color **55.3178, 74.3957, 48.4900** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.1429, 52.5354, 89.9299**, and the grayscale version is **62.5610, 65.8190, 71.6769**.

A 20% lighter version of the original color is **81.2095, 93.3958, 84.2680**, and **27.7796, 39.7176, 22.4218** is the 20% darker color. If you saturate the color by 10%, you get **48.6763, 71.2099, 37.5256**, and if you desaturate by 10%, it is **63.2594, 78.2080, 61.6904**.

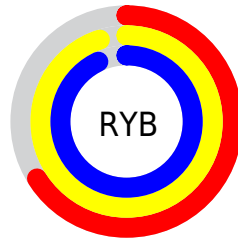
Distribution



Red (67%)

Green (95%)

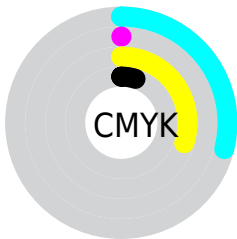
Blue (66%)



Red (66%)

Yellow (95%)

Blue (93%)

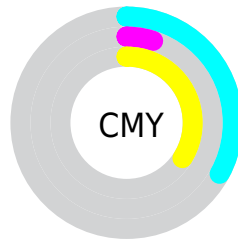


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3178, 74.3957, 48.4900 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 55.3178, 74.3957, 48.4900 by changing the saturation by 10% instead.

■ 55.3178, 74.3957,
48.4900

■ 55.3178, 74.3957,
48.4900

397.2323,
475.8379, 397.2957

■ 39.8911, 55.1180,
33.8523

■ 97.1520, 125.4566,
89.3066

■ 27.6375, 39.4962,
22.5037

■ 124.2903,
158.0085, 116.3227

■ 18.1916, 27.1459,
14.0257

156.0630,
195.7540, 148.3020

■ 11.1882, 17.6829,
7.9996

192.8357,
239.0774, 185.6631

■ 6.2618, 10.7225,
4.0069

234.9736,
288.3630, 228.8244

■ 3.0471, 5.8806,
1.6291


282.8421,

■ 1.1787, 2.7726,


343.9954, 278.2046


0.3115

336.8065,
406.3589, 334.2222


 0.0895, 1.0142,
0.0000


 0.0000, 0.0000,
0.0000

 55.3178, 74.3957,
48.4900


 55.3178, 74.3957,
48.4900


 48.6763, 71.2099,
37.5256


 63.2594, 78.2080,
61.6904


 43.2603, 68.6083,
28.6688

 72.5591, 82.6677,
77.2358

 38.9965, 66.5581,
21.7859

 83.2783, 87.8064,
95.2339

 35.8014, 65.0197,
16.7259

 90.7468, 91.3935,
107.4656

■ 33.5803, 63.9478,
13.3158

■ 32.2217, 63.2896,
11.3496

■ 31.5807, 62.9774,
10.4914

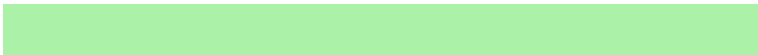
Harmonies

Analogous

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



63.2265, 74.3957, 36.3543



55.3178, 74.3957, 48.4900



51.6355, 74.3957, 72.1307

Triad

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



55.3178, 74.3957, 48.4900



67.5405, 74.3957, 157.7302



92.5211, 74.3957, 60.7386

Complementary

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



55.3178, 74.3957, 48.4900



65.1429, 52.5354, 89.9299

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.



93.9860, 74.3957, 90.5773



55.3178, 74.3957, 48.4900



78.7637, 74.3957, 152.3526

Square

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



55.3178, 74.3957, 48.4900



58.1917, 74.3957, 138.7332



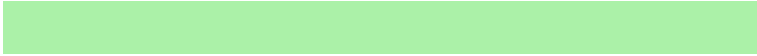
88.7235, 74.3957, 125.5320



84.9079, 74.3957, 42.0304

Rectangle

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



55.3178, 74.3957, 48.4900



51.7750, 74.3957, 93.6181



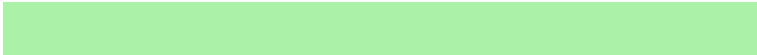
88.7235, 74.3957, 125.5320



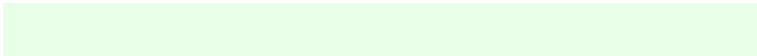
93.7784, 74.3957, 69.5776

Sweetspot

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



55.3197, 74.3989, 48.4916



83.9345, 94.6715, 90.2308



73.7325, 82.3030, 49.0468



17.6077, 20.0920, 18.7135



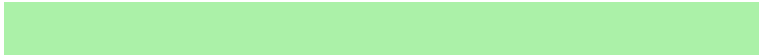
0.0000, 0.0000, 0.0000



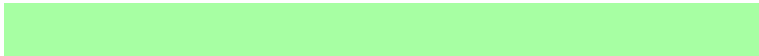
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3197, 74.3989, 48.4916



58.3191, 82.3839, 47.5723



58.1311, 75.4488, 66.6673



15.6259, 17.6873, 16.7401



17.1519, 34.1637, 5.6903



1.4479, 2.8529, 0.4744

Inverse Universe

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



65.1429, 52.5354, 89.9299



71.0489, 54.0372, 101.2933



61.6845, 51.2694, 66.4186



16.3863, 15.9964, 19.9456



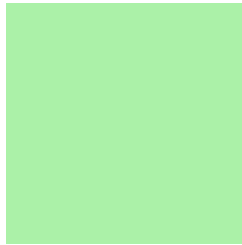
26.5274, 12.6808, 46.1774



2.2266, 1.0651, 3.8424

Previews

White Background



This preview shows how the XYZ color 55.3178, 74.3957, 48.4900 looks on a white background.

Color Contrast Check

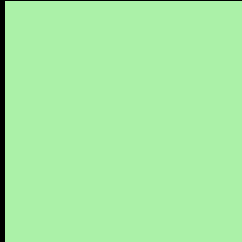
Large Text (above 18pt) WCAG AA × Fail

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 55.3178, 74.3957, 48.4900 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 55.3178, 74.3957, 48.4900

Background



This preview shows how black text looks on a background with the XYZ color 55.3178, 74.3957, 48.4900.



This preview shows how white text looks on a background with the XYZ color 55.3178, 74.3957,

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

55.3178, 74.3957, 48.4900

Protanopia

68.6680, 73.8387, 43.8908

Deuteranopia

74.3431, 73.7906, 55.1245



Tritanopia

65.9245, 74.4305, 100.5145

Trichromacy



Original Color

55.3178, 74.3957, 48.4900



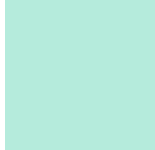
Protanomaly

62.9320, 73.6850, 45.5561



Deuteranomaly

65.7016, 72.9121, 52.7301



Tritanomaly

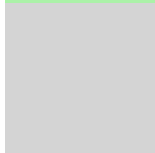
61.6827, 74.4077, 78.8213

Monochromacy



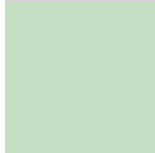
Original Color

55.3178, 74.3957, 48.4900



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.3774, 68.6312, 62.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3178, 74.3957, 48.4900 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, 241, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 241, 168)  
}
```

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, 241, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 241, 168) }
```

Border

The CSS property to change the border of an element to XYZ 55.3178, 74.3957, 48.4900 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, 241, 168) }
```


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

```
.border{ border-color:rgb(171, 241, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 241, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 241, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 241, 168);  
box-shadow:4px 4px 4px 4px rgb(171, 241,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3178, 74.3957, 48.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 241, 168) }
```

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

```
.background{ background-color: rgb(171,  
241, 168) }
```

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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