

Converting Colors

XYZ(55.0509, 77.1790, 55.9618)

Have a look what the booklet for
XYZ(55.0509, 77.1790, 55.9618)
contains.

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Color

**XYZ(55.0448, 77.2433,
55.7243)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99F8B5 |
| RGB | 153, 248, 181 |
| RGB Percent | 60%, 97%, 71% |
| CMY | 0.4000, 0.0274, 0.2902 |
| CMYK | 0.38, 0.00, 0.27, 0.03 |
| HSL | 138°, 87%, 79% |
| HSV | 138°, 38%, 97% |
| XYZ | 55.0448, 77.2433, 55.7243 |
| YIQ | 211.9570, -35.1130, -40.9770 |

Conversions

Conversions Part 2

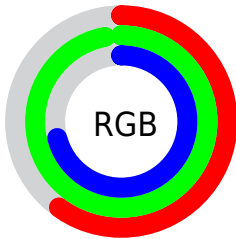
| Format | Color |
|-------------------------------------|--|
| RYB | 153, 226, 248 |
| Decimal | 10090677 |
| CIELab | 90.43, -42.00, 23.53 |
| CIElCh | 90, 48.138, 150.739 |
| Yxy | 77.2433, 0.2928, 0.4108 |
| Android (android.graphics.Color) | 4288280757 (0xFF99F8B5) |
| YUV | 211.9570, -15.2618, -51.7053 |
| Hunter-Lab | 87.8882, -42.0088, 23.9297 |

Details

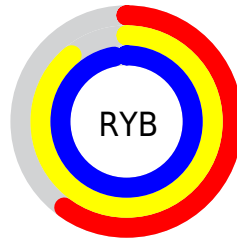
The XYZ color **55.0448, 77.2433, 55.7243** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.0235, 47.9080, 73.6388**, and the grayscale version is **62.6674, 65.9310, 71.7988**.

A 20% lighter version of the original color is **77.6244, 91.3361, 93.6591**, and **27.4568, 41.3615, 26.9585** is the 20% darker color. If you saturate the color by 10%, you get **49.1581, 74.4053, 46.6617**, and if you desaturate by 10%, it is **62.1337, 80.6794, 66.0227**.

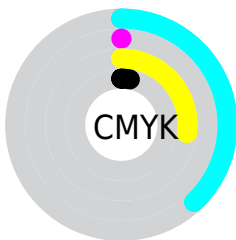
Distribution



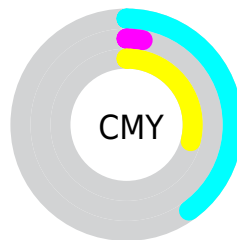
- Red (60%)
- Green (97%)
- Blue (71%)



- Red (60%)
- Yellow (89%)
- Blue (97%)



- Cyan (38%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)





- Cyan (40%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0448, 77.2433, 55.7243 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 55.0448, 77.2433, 55.7243 by changing the saturation by 10% instead.


 55.0448, 77.2433,
55.7243


 55.0448, 77.2433,
55.7243


396.2154,
485.5932, 426.0108

 39.6716, 57.4526,
39.5794


 96.7545, 129.4829,
100.0831

 27.4656, 41.3687,
26.8995


 123.8217,
162.7005, 129.1341

 18.0616, 28.6073,
17.2660

155.5177,
201.1626, 163.3243

 11.0942, 18.7840,
10.2603

192.2077,
245.2535, 203.0721

 6.1980, 11.5143,
5.4641

234.2571,
295.3576, 248.7961

 3.0076, 6.4139,
2.4586

282.0313,

 1.1578, 3.0983,

351.8593, 300.9149

0.8181

335.8956,
415.1430, 359.8469

0.0727, 1.1833,
0.0000

0.0000, 0.0480,
0.0000

55.0448, 77.2433,
55.7243

55.0448, 77.2433,
55.7243

49.1581, 74.4053,
46.6617

62.1337, 80.6794,
66.0227

44.3984, 72.1210,
38.7830

70.4821, 84.7356,
77.5959

40.6914, 70.3554,
32.0404

80.1508, 89.4447,
90.4874

37.9508, 69.0650,
26.3806

91.1949, 94.8342,
104.7373

■ 36.0756, 68.1990,
21.7457

■ 92.8589, 95.6177,
108.1696

■ 34.9279, 67.6874,
18.0718

■ 34.7746, 67.6200,
17.5389

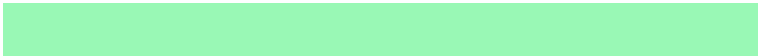
Harmonies

Analogous

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



62.2270, 77.2433, 39.0790



55.0448, 77.2433, 55.7243



52.6484, 77.2433, 84.9619

Triad

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



55.0448, 77.2433, 55.7243



73.7161, 77.2433, 169.1641



95.1264, 77.2433, 54.6075

Complementary

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



55.0448, 77.2433, 55.7243



63.0235, 47.9080, 73.6388

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.



99.0356, 77.2433, 83.2536



55.0448, 77.2433, 55.7243



85.8750, 77.2433, 154.7833

Square

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



55.0448, 77.2433, 55.7243



62.6908, 77.2433, 156.0696



95.4813, 77.2433, 120.7814



85.3028, 77.2433, 38.5688

Rectangle

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



55.0448, 77.2433, 55.7243



53.8558, 77.2433, 109.7877



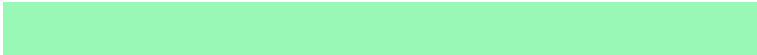
95.4813, 77.2433, 120.7814



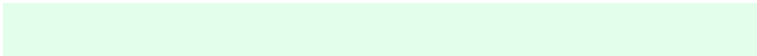
97.2209, 77.2433, 62.7764

Sweetspot

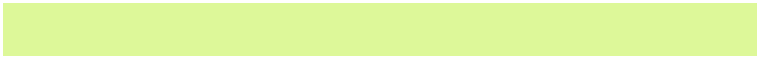
The Sweet Spot groups the original color and five complimentary colors.



55.0468, 77.2465, 55.7260



82.4496, 93.8535, 92.5318



69.1642, 84.8235, 42.8651



17.3416, 19.9394, 19.3998



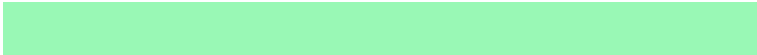
0.0000, 0.0000, 0.0000



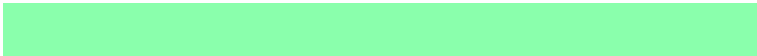
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0468, 77.2465, 55.7260



53.6642, 79.8867, 51.7580



60.6294, 79.4795, 85.1235



17.2278, 19.3934, 19.4003



18.8376, 36.5480, 9.7539



1.7889, 3.4027, 1.1364

Inverse Universe

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



63.0235, 47.9080, 73.6388



63.2606, 44.5410, 73.2710



57.7043, 45.7803, 45.6283



17.7623, 17.4323, 20.6038



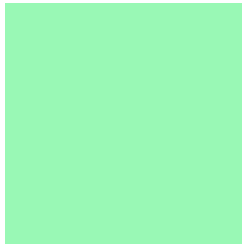
25.1514, 12.4763, 23.3035



2.3758, 1.1741, 2.4026

Previews

White Background



This preview shows how the XYZ color 55.0448, 77.2433, 55.7243 looks on a white background.

Color Contrast Check

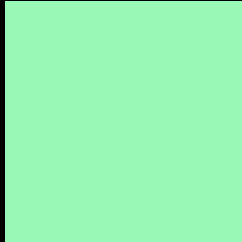
Large Text (above 18pt) WCAG AA × Fail

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 55.0448, 77.2433, 55.7243 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

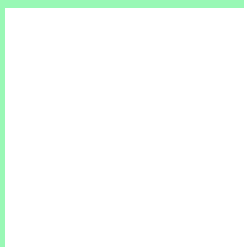
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0448, 77.2433, 55.7243

Background



This preview shows how black text looks on a background with the XYZ color 55.0448, 77.2433, 55.7243.

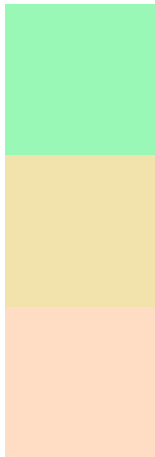


This preview shows how white text looks on a background with the XYZ color 55.0448, 77.2433,

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

55.0448, 77.2433, 55.7243

Protanopia

71.1650, 76.2102, 49.4873

Deuteranopia

76.7970, 76.4319, 62.9298



Tritanopia

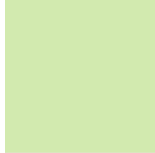
65.7897, 76.7870, 105.9616

Trichromacy



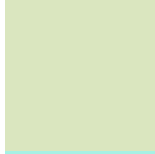
Original Color

55.0448, 77.2433, 55.7243



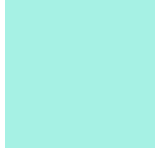
Protanomaly

63.7390, 75.6424, 51.7985



Deuteranomaly

66.6142, 75.2606, 60.3060



Tritanomaly

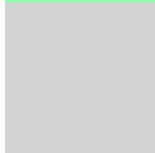
61.1848, 76.6190, 84.9630

Monochromacy



Original Color

55.0448, 77.2433, 55.7243



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.9537, 69.1438, 65.4972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0448, 77.2433, 55.7243 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(153, 248, 181)` looks like.

```
.text, #text, p{  
    color:rgb(153, 248, 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(153, 248, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 248, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.0448, 77.2433, 55.7243 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(153, 248, 181) }
```


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

```
.border{ border-color:rgb(153, 248, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 248, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 248, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 248, 181);  
box-shadow:4px 4px 4px 4px rgb(153, 248,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0448, 77.2433, 55.7243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 248, 181) }
```

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

```
.background{ background-color: rgb(153,  
248, 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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