

Converting Colors

XYZ(55.1461, 75.4394, 57.8261)

Have a look what the booklet for
XYZ(55.1461, 75.4394, 57.8261)
contains.

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Color

**XYZ(55.0123, 75.3722,
57.5478)**

Conversions

Conversions Part 1

Format	Color
Hex	9DF4B9
RGB	157, 244, 185
RGB Percent	62%, 96%, 73%
CMY	0.3843, 0.0431, 0.2745
CMYK	0.36, 0.00, 0.24, 0.04
HSL	139°, 80%, 79%
HSV	139°, 36%, 96%
XYZ	55.0123, 75.3722, 57.5478
YIQ	211.2610, -32.9130, -36.7930

Conversions

Conversions Part 2

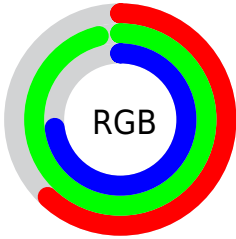
Format	Color
RYB	157, 223, 244
Decimal	10351801
CIELab	89.57, -38.34, 20.31
CIELCh	90, 43.389, 152.092
Yxy	75.3722, 0.2927, 0.4011
Android (android.graphics.Color)	4288541881 (0xFF9DF4B9)
YUV	211.2610, -12.9467, -47.5869
Hunter-Lab	86.8172, -38.8223, 21.4709

Details

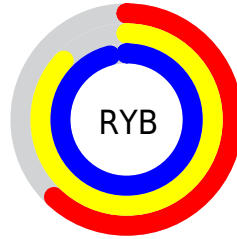
The XYZ color **55.0123, 75.3722, 57.5478** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.7624, 48.3067, 71.0377**, and the grayscale version is **62.1896, 65.4283, 71.2514**.

A 20% lighter version of the original color is **79.3687, 92.1670, 96.8259**, and **27.4147, 40.0314, 28.1117** is the 20% darker color. If you saturate the color by 10%, you get **49.0725, 72.5024, 48.6762**, and if you desaturate by 10%, it is **62.1101, 78.8196, 67.5382**.

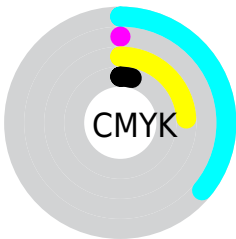
Distribution



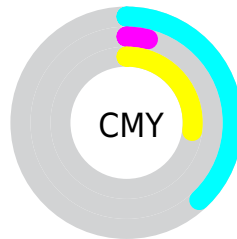
- Red (62%)
- Green (96%)
- Blue (73%)



- Red (62%)
- Yellow (87%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (4%)





- Cyan (38%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0123, 75.3722, 57.5478 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 55.0123, 75.3722, 57.5478 by changing the saturation by 10% instead.


 55.0123, 75.3722,
57.5478


 55.0123, 75.3722,
57.5478


396.0942,
479.1959, 433.0499

 39.6455, 55.9179,
41.0329


 96.7072, 126.8391,
102.7723

 27.4452, 40.1371,
28.0249


 123.7659,
159.6204, 132.3190

 18.0462, 27.6454,
18.1052


155.4527,
197.6129, 167.0468

 11.0830, 18.0586,
10.8553

192.1329,
241.2009, 207.3741

 6.1904, 10.9920,
5.8567

234.1717,
290.7688, 253.7196

 3.0030, 6.0615,
2.6908


281.9347,

 1.1553, 2.8825,


346.7010, 306.5016

0.9388

335.7870,
409.3819, 366.1389


 0.0707, 1.0707,
0.0000


 0.0000, 0.0000,
0.0000

 55.0123, 75.3722,
57.5478


 55.0123, 75.3722,
57.5478


 49.0725, 72.5024,
48.6762


 62.1101, 78.8196,
67.5382


 44.2208, 70.1689,
40.8791

 70.4187, 82.8648,
78.6796

 40.3889, 68.3392,
34.1166

 79.9947, 87.5385,
91.0092

 37.4980, 66.9736,
28.3444

 90.8895, 92.8663,
104.5608

■ 35.4566, 66.0260,
23.5147

■ 91.6421, 93.1841,
107.7640

■ 34.1531, 65.4399,
19.5754

■ 33.7462, 65.2618,
18.1256

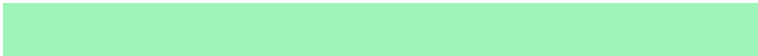
Harmonies

Analogous

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



61.2937, 75.3722, 41.7104



55.0123, 75.3722, 57.5478



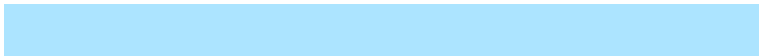
53.0489, 75.3722, 84.2284

Triad

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



55.0123, 75.3722, 57.5478



72.3896, 75.3722, 155.8017



90.4412, 75.3722, 54.6686

Complementary

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



55.0123, 75.3722, 57.5478



61.7624, 48.3067, 71.0377

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.



94.1321, 75.3722, 79.9439



55.0123, 75.3722, 57.5478



83.0875, 75.3722, 142.5088

Square

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



55.0123, 75.3722, 57.5478



62.4687, 75.3722, 145.6261



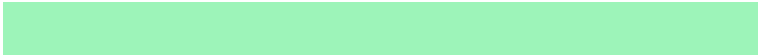
91.3178, 75.3722, 112.7175



81.6655, 75.3722, 40.3610

Rectangle

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



55.0123, 75.3722, 57.5478



54.2786, 75.3722, 106.1788



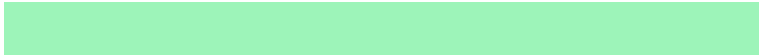
91.3178, 75.3722, 112.7175



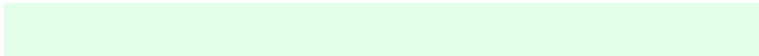
92.3549, 75.3722, 61.9141

Sweetspot

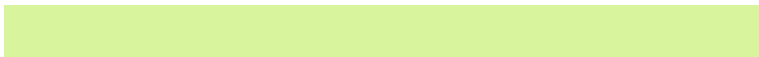
The Sweet Spot groups the original color and five complimentary colors.



55.0143, 75.3753, 57.5495



82.5598, 93.8976, 93.1123



66.8912, 81.8067, 44.1640



17.3677, 19.9499, 19.5375



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.



55.0143, 75.3753, 57.5495



55.8023, 80.8930, 56.1948



60.2682, 77.4769, 85.2163



16.5020, 18.5599, 18.6619



18.4037, 35.5063, 10.1458



1.6625, 3.1387, 1.1287

Inverse Universe

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



61.7624, 48.3067, 71.0377



64.2990, 46.7700, 73.1484



56.9054, 46.3639, 45.4610



16.9735, 16.6722, 19.6069



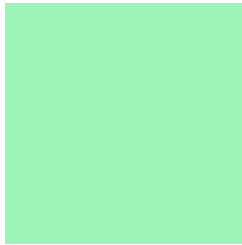
24.0676, 11.9705, 20.8624



2.1621, 1.0708, 2.0802

Previews

White Background



This preview shows how the XYZ color 55.0123, 75.3722, 57.5478 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 55.0123, 75.3722, 57.5478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

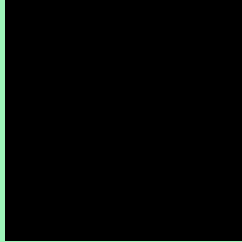
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0123, 75.3722, 57.5478

Background



This preview shows how black text looks on a background with the XYZ color 55.0123, 75.3722, 57.5478.

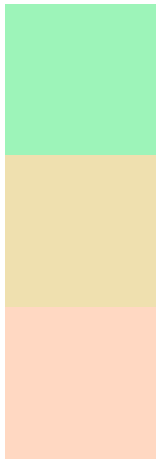


This preview shows how white text looks on a background with the XYZ color 55.0123, 75.3722,

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

55.0123, 75.3722, 57.5478

Protanopia

69.9901, 74.7572, 51.2981

Deuteranopia

75.5335, 74.2668, 61.3928



Tritanopia

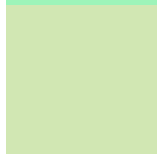
64.3923, 75.2303, 104.8930

Trichromacy



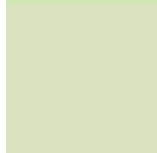
Original Color

55.0123, 75.3722, 57.5478



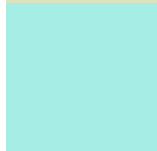
Protanomaly

63.0071, 73.9618, 53.6031



Deuteranomaly

65.8137, 73.2144, 59.9532



Tritanomaly

60.4433, 74.9132, 85.4027

Monochromacy



Original Color

55.0123, 75.3722, 57.5478



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.5342, 68.1160, 65.9397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0123, 75.3722, 57.5478 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(157, 244, 185)` looks like.

```
.text, #text, p{  
    color:rgb(157, 244, 185)  
}
```

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(157, 244, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 244, 185) }
```

Border

The CSS property to change the border of an element to XYZ 55.0123, 75.3722, 57.5478 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(157, 244, 185) }
```


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

```
.border{ border-color:rgb(157, 244, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 244, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 244, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 244, 185);  
box-shadow:4px 4px 4px 4px rgb(157, 244,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0123, 75.3722, 57.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 244, 185) }
```

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

```
.background{ background-color: rgb(157,  
244, 185) }
```

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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