

Converting Colors

XYZ(55.6973, 76.6599, 56.1172)

Have a look what the booklet for
XYZ(55.6973, 76.6599, 56.1172)
contains.

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Color

**XYZ(55.6973, 76.6599,
56.1172)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF6B6
RGB	159, 246, 182
RGB Percent	62%, 96%, 71%
CMY	0.3765, 0.0353, 0.2863
CMYK	0.35, 0.00, 0.26, 0.04
HSL	136°, 83%, 79%
HSV	136°, 35%, 96%
XYZ	55.6973, 76.6599, 56.1172
YIQ	212.6910, -31.3080, -38.3480

Conversions

Conversions Part 2

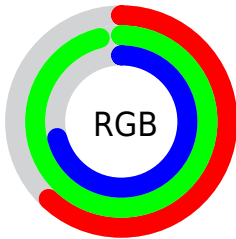
Format	Color
RYB	159, 228, 246
Decimal	10483382
CIELab	90.16, -39.20, 22.69
CIElCh	90, 45.291, 149.934
Yxy	76.6599, 0.2955, 0.4067
Android (android.graphics.Color)	4288673462 (0xFF9FF6B6)
YUV	212.6910, -15.1307, -47.0870
Hunter-Lab	87.5556, -39.6721, 23.2881

Details

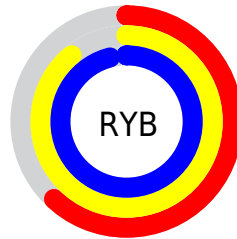
The XYZ color **55.6973, 76.6599, 56.1172** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.7260, 49.7184, 76.0528**, and the grayscale version is **63.1539, 66.4428, 72.3562**.

A 20% lighter version of the original color is **79.5115, 92.2920, 94.5124**, and **27.8690, 40.9232, 27.1990** is the 20% darker color. If you saturate the color by 10%, you get **49.5451, 73.6928, 46.6899**, and if you desaturate by 10%, it is **63.0661, 80.2305, 66.8664**.

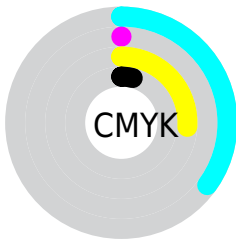
Distribution



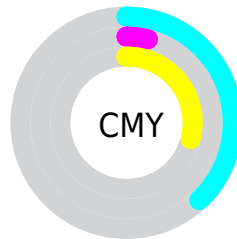
- Red (62%)
- Green (96%)
- Blue (71%)



- Red (62%)
- Yellow (89%)
- Blue (96%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)





- Cyan (38%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6973, 76.6599, 56.1172 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 55.6973, 76.6599, 56.1172 by changing the saturation by 10% instead.


 55.6973, 76.6599,
56.1172


 55.6973, 76.6599,
56.1172


398.6433,
483.6037, 427.5337

 40.1963, 56.9738,
39.8923


 97.7042, 128.6593,
100.6634

 27.8765, 40.9842,
27.1414


 124.9409,
161.7413, 129.8218

 18.3726, 28.3067,
17.4461


156.8202,
200.0575, 164.1284

 11.3191, 18.5570,
10.3877

193.7075,
243.9922, 204.0018

 6.3508, 11.3506,
5.5478

235.9681,
293.9297, 249.8604

 3.1022, 6.3032,
2.5078

283.9673,

 1.2080, 3.0303,

350.2546, 302.1230

0.8443

338.0706,
413.3511, 361.2079

0.1127, 1.1476,
0.0000

0.0000, 0.0182,
0.0000

55.6973, 76.6599,
56.1172

55.6973, 76.6599,
56.1172

49.5451, 73.6928,
46.6899

63.0661, 80.2305,
66.8664

44.5363, 71.2861,
38.5283

71.7072, 84.4260,
78.9807

40.5991, 69.4061,
31.5795

81.6801, 89.2782,
92.5077

37.6507, 68.0114,
25.7851

92.1492, 94.3553,
107.4493

■ 35.5955, 67.0539,
21.0816

■ 92.2473, 94.3945,
107.9658

■ 34.3172, 66.4751,
17.3989

■ 33.9124, 66.2966,
16.0156

Harmonies

Analogous

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



62.5916, 76.6599, 40.4659



55.6973, 76.6599, 56.1172



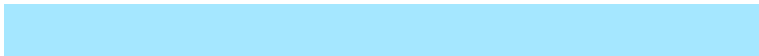
53.2990, 76.6599, 83.3986

Triad

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



55.6973, 76.6599, 56.1172



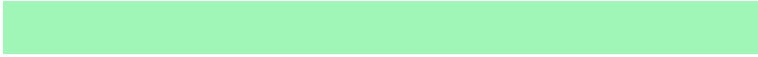
72.8381, 76.6599, 162.0247



93.2654, 76.6599, 56.2117

Complementary

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



55.6973, 76.6599, 56.1172



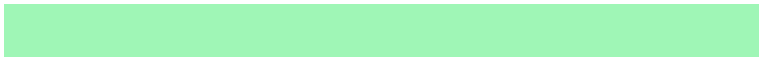
63.7260, 49.7184, 76.0528

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.



96.7094, 76.6599, 83.5407



55.6973, 76.6599, 56.1172



84.2007, 76.6599, 149.5002

Square

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



55.6973, 76.6599, 56.1172



62.5527, 76.6599, 149.3954



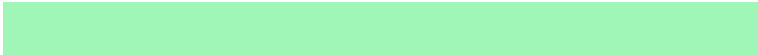
93.2362, 76.6599, 118.5179



84.2480, 76.6599, 40.5098

Rectangle

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



55.6973, 76.6599, 56.1172



54.3583, 76.6599, 106.4265



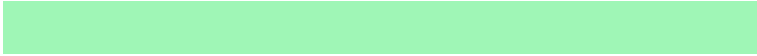
93.2362, 76.6599, 118.5179



95.1523, 76.6599, 64.0769

Sweetspot

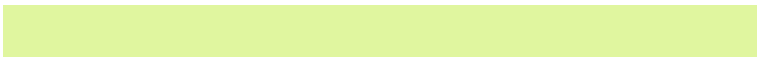
The Sweet Spot groups the original color and five complimentary colors.



55.6993, 76.6631, 56.1189



82.3266, 93.8043, 91.8844



70.0347, 84.3057, 45.3829



17.3124, 19.9277, 19.2464



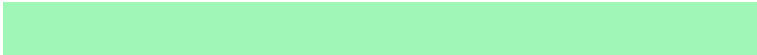
0.0000, 0.0000, 0.0000



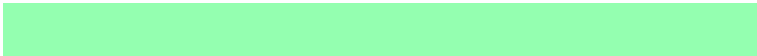
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6993, 76.6631, 56.1189



55.8123, 80.9496, 53.8684



60.7446, 78.6812, 82.6872



16.4621, 18.5440, 18.4516



18.1494, 35.4046, 8.8064



1.6359, 3.1280, 0.9886

Inverse Universe

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



63.7260, 49.7184, 76.0528



65.6361, 47.9372, 78.2397



58.7212, 47.7165, 49.6981



17.0157, 16.6891, 19.8290



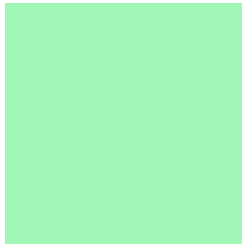
24.7971, 12.2623, 24.7036



2.2217, 1.0946, 2.3937

Previews

White Background



This preview shows how the XYZ color 55.6973, 76.6599, 56.1172 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 55.6973, 76.6599, 56.1172 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 55.6973, 76.6599, 56.1172

Background



This preview shows how black text looks on a background with the XYZ color 55.6973, 76.6599, 56.1172.

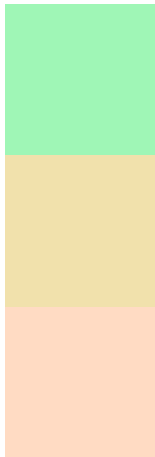


This preview shows how white text looks on a background with the XYZ color 55.6973, 76.6599,

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

55.6973, 76.6599, 56.1172

Protanopia

70.6472, 75.5298, 49.8849

Deuteranopia

76.4218, 75.8632, 62.2449



Tritanopia

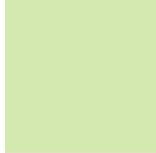
65.7246, 76.3249, 105.8759

Trichromacy



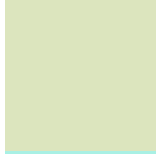
Original Color

55.6973, 76.6599, 56.1172



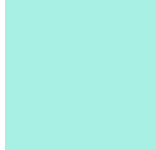
Protanomaly

63.8394, 75.2613, 52.2365



Deuteranomaly

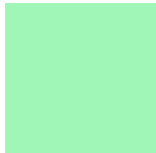
66.8288, 74.9720, 59.6640



Tritanomaly

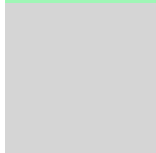
61.5259, 76.3566, 84.8943

Monochromacy



Original Color

55.6973, 76.6599, 56.1172



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.5782, 69.4522, 66.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6973, 76.6599, 56.1172 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(159, 246, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 246, 182)  
}
```

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(159, 246, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 246, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.6973, 76.6599, 56.1172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

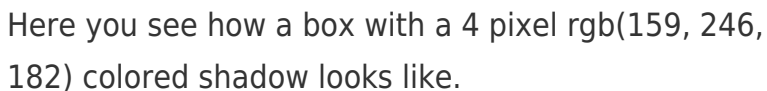
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 246, 182) }
```


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

```
.border{ border-color:rgb(159, 246, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 246, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 246, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 246, 182); box-shadow:4px 4px 4px 4px rgb(159, 246, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6973, 76.6599, 56.1172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 246, 182) }
```

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

```
.background{ background-color: rgb(159,  
246, 182) }
```

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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