

Converting Colors

XYZ(55.5016, 74.9684, 51.9310)

Have a look what the booklet for
XYZ(55.5016, 74.9684, 51.9310)
contains.

XYZ(55.4263, 74.8149, 52.0769)	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(55.4263, 74.8149,
52.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F2AF
RGB	167, 242, 175
RGB Percent	65%, 95%, 69%
CMY	0.3451, 0.0510, 0.3137
CMYK	0.31, 0.00, 0.28, 0.05
HSL	126°, 74%, 80%
HSV	126°, 31%, 95%
XYZ	55.4263, 74.8149, 52.0769
YIQ	211.9370, -23.1930, -36.7370

Conversions

Conversions Part 2

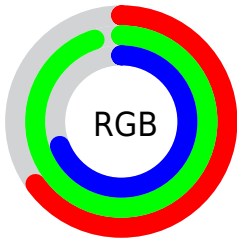
Format	Color
RYB	167, 235, 242
Decimal	11006639
CIELab	89.31, -36.18, 25.15
CIELCh	89, 44.062, 145.187
Yxy	74.8149, 0.3040, 0.4104
Android (android.graphics.Color)	4289196719 (0xFFA7F2AF)
YUV	211.9370, -18.2099, -39.4097
Hunter-Lab	86.4956, -36.9847, 24.8499

Details

The XYZ color **55.4263, 74.8149, 52.0769** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.2904, 52.4567, 84.5287**, and the grayscale version is **62.6673, 65.9308, 71.7987**.

A 20% lighter version of the original color is **80.9243, 93.1368, 89.3133**, and **27.5439, 39.5478, 24.5941** is the 20% darker color. If you saturate the color by 10%, you get **48.8283, 71.6417, 41.5580**, and if you desaturate by 10%, it is **63.3249, 78.6236, 64.4343**.

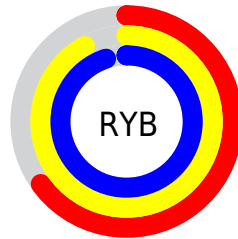
Distribution



Red (65%)

Green (95%)

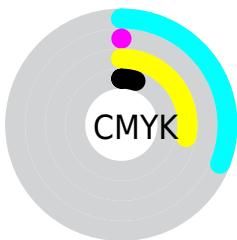
Blue (69%)



Red (65%)

Yellow (92%)

Blue (95%)

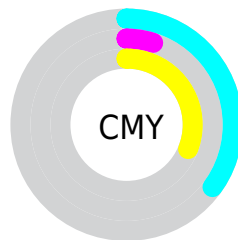


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4263, 74.8149, 52.0769 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 55.4263, 74.8149, 52.0769 by changing the saturation by 10% instead.

■ 55.4263, 74.8149,
52.0769

■ 55.4263, 74.8149,
52.0769

397.6360,
477.2811, 411.6988

■ 39.9783, 55.4613,
36.6837

■ 97.3100, 126.0503,
94.6724

■ 27.7058, 39.7711,
24.6688

124.4764,
158.7009, 122.7117

■ 18.2433, 27.3602,
15.6137

156.2796,
196.5525, 155.8036

■ 11.2256, 17.8439,
9.0998

193.0850,
239.9897, 194.3664

■ 6.2872, 10.8380,
4.7087

235.2581,
289.3967, 238.8189

■ 3.0628, 5.9580,
2.0216

283.1640,

■ 1.1871, 2.8195,

345.1580, 289.5794

0.5685

337.1682,
407.6580, 347.0665

0.0961, 1.0383,
0.0000

0.0000, 0.0000,
0.0000

55.4263, 74.8149,
52.0769

55.4263, 74.8149,
52.0769

48.8283, 71.6417,
41.5580

63.3249, 78.6236,
64.4343

43.4553, 69.0604,
32.7851

72.5825, 83.0897,
78.7068

39.2332, 67.0370,
25.6651

83.2612, 88.2459,
94.9730

36.0771, 65.5301,
20.0945

91.0436, 91.9872,
107.5645

■ 33.8906, 64.4922,
15.9578

■ 32.5593, 63.8672,
13.1235

■ 31.9380, 63.5810,
11.5556

Harmonies

Analogous

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



62.6553, 74.8149, 38.7157



55.4263, 74.8149, 52.0769



52.4057, 74.8149, 76.5857

Triad

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



55.4263, 74.8149, 52.0769



69.3861, 74.8149, 156.0023



91.5431, 74.8149, 58.7377

Complementary

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



55.4263, 74.8149, 52.0769



65.2904, 52.4567, 84.5287

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.



93.8051, 74.8149, 86.5383



55.4263, 74.8149, 52.0769



80.2915, 74.8149, 147.7777

Square

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



55.4263, 74.8149, 52.0769



59.9301, 74.8149, 140.4996



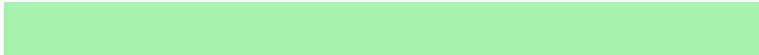
89.5024, 74.8149, 120.2263



83.5988, 74.8149, 41.8256

Rectangle

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



55.4263, 74.8149, 52.0769



52.9380, 74.8149, 98.0067



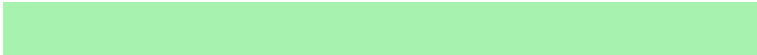
89.5024, 74.8149, 120.2263



93.0251, 74.8149, 66.8904

Sweetspot

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



55.4283, 74.8180, 52.0786



83.9779, 94.6534, 92.0616



72.8263, 83.8752, 48.9109



17.6183, 20.0877, 19.1597



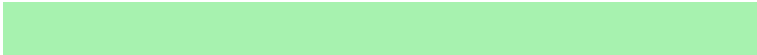
0.0000, 0.0000, 0.0000



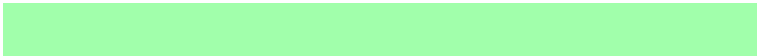
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4283, 74.8180, 52.0786



57.7110, 81.9902, 51.1698



59.5743, 76.4764, 73.9111



15.6344, 17.6838, 17.0978



17.1801, 34.1641, 6.3315



1.4518, 2.8512, 0.6457

Inverse Universe

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



65.2904, 52.4567, 84.5287



70.3953, 53.2162, 92.8956



60.5169, 50.5473, 59.3919



16.3774, 16.0007, 19.5434



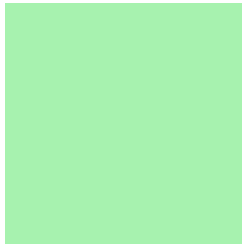
26.3736, 12.8219, 36.2134



2.2147, 1.0749, 3.1214

Previews

White Background



This preview shows how the XYZ color 55.4263, 74.8149, 52.0769 looks on a white background.

Color Contrast Check

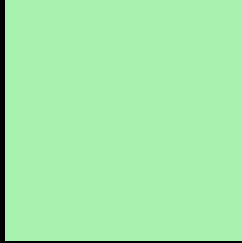
Large Text (above 18pt) WCAG AA × Fail

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 55.4263, 74.8149, 52.0769 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 55.4263, 74.8149, 52.0769

Background



This preview shows how black text looks on a background with the XYZ color 55.4263, 74.8149, 52.0769.

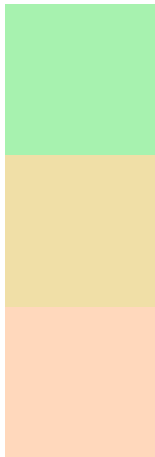


This preview shows how white text looks on a background with the XYZ color 55.4263, 74.8149,

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

55.4263, 74.8149, 52.0769

Protanopia

69.2979, 74.0906, 47.2077

Deuteranopia

74.8730, 74.0026, 57.9146



Tritanopia

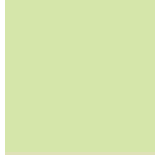
65.3253, 74.5020, 102.2041

Trichromacy



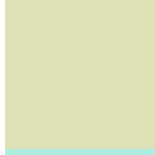
Original Color

55.4263, 74.8149, 52.0769



Protanomaly

62.9931, 73.6420, 48.9245



Deuteranomaly

65.9039, 72.9573, 55.4084



Tritanomaly

61.2192, 74.5487, 80.9748

Monochromacy



Original Color

55.4263, 74.8149, 52.0769



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.4614, 68.6346, 64.1467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4263, 74.8149, 52.0769 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(167, 242, 175)` looks like.

```
.text, #text, p{  
    color:rgb(167, 242, 175)  
}
```

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(167, 242, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 242, 175) }
```

Border

The CSS property to change the border of an element to XYZ 55.4263, 74.8149, 52.0769 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(167, 242, 175) }
```


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

```
.border{ border-color:rgb(167, 242, 175) }
```

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

Here you see how a box with a 4 pixel rgb(167, 242, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 242, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 242, 175);  
box-shadow:4px 4px 4px 4px rgb(167, 242,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4263, 74.8149, 52.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 242, 175) }
```

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

```
.background{ background-color: rgb(167,  
242, 175) }
```

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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