

Converting Colors

XYZ(54.8843, 71.7094, 51.8186)

Have a look what the booklet for
XYZ(54.8843, 71.7094, 51.8186)
contains.

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Color

**XYZ(55.0655, 72.0097,
52.0713)**

Conversions

Conversions Part 1

Format	Color
Hex	ADECB0
RGB	173, 236, 176
RGB Percent	68%, 93%, 69%
CMY	0.3216, 0.0745, 0.3098
CMYK	0.27, 0.00, 0.25, 0.07
HSL	123°, 62%, 80%
HSV	123°, 27%, 93%
XYZ	55.0655, 72.0097, 52.0713
YIQ	210.3230, -18.2880, -32.0160

Conversions

Conversions Part 2

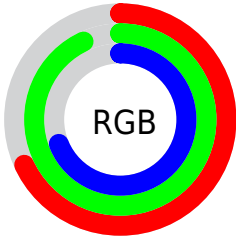
Format	Color
RYB	173, 233, 236
Decimal	11398320
CIELab	87.97, -31.34, 22.86
CIELCh	88, 38.792, 143.889
Yxy	72.0097, 0.3074, 0.4020
Android (android.graphics.Color)	4289588400 (0xFFADEC B0)
YUV	210.3230, -16.9212, -32.7323
Hunter-Lab	84.8585, -32.6721, 23.0192

Details

The XYZ color **55.0655, 72.0097, 52.0713** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.2460, 53.6047, 84.0544**, and the grayscale version is **61.5887, 64.7961, 70.5630**.

A 20% lighter version of the original color is **82.9586, 94.1692, 90.1480**, and **27.5042, 37.9945, 24.6229** is the 20% darker color. If you saturate the color by 10%, you get **48.2578, 68.7383, 41.0895**, and if you desaturate by 10%, it is **63.1670, 75.9097, 65.0387**.

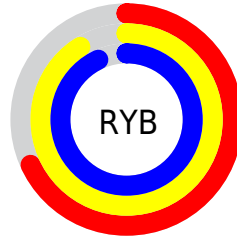
Distribution



Red (68%)

Green (93%)

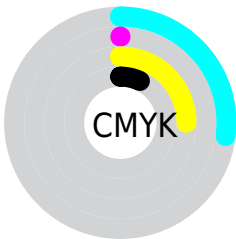
Blue (69%)



Red (68%)

Yellow (91%)

Blue (93%)

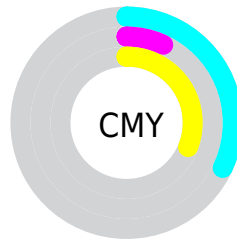


Cyan (27%)

Magenta (0%)

Yellow (25%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0655, 72.0097, 52.0713 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 55.0655, 72.0097, 52.0713 by changing the saturation by 10% instead.

■ 55.0655, 72.0097,
52.0713

■ 55.0655, 72.0097,
52.0713

396.2925,
467.5754, 411.6766

■ 39.6882, 53.1666,
36.6793

■ 96.7847, 122.0703,
94.6640

■ 27.4787, 37.9358,
24.6654

123.8573,
154.0566, 122.7018

■ 18.0715, 25.9329,
15.6112

155.5590,
191.1928, 155.7920

■ 11.1013, 16.7734,
9.0981

192.2553,
233.8632, 194.3530

■ 6.2028, 10.0731,
4.7075

234.3114,
282.4523, 238.8034

■ 3.0106, 5.4474,
2.0210

282.0928,

■ 1.1594, 2.5121,

337.3444, 289.5618

0.5681

335.9647,
398.9240, 347.0467

■ 0.0739, 0.8827,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0655, 72.0097,
52.0713

■ 55.0655, 72.0097,
52.0713

■ 48.2578, 68.7383,
41.0895

■ 63.1670, 75.9097,
65.0387

■ 42.6717, 66.0542,
31.9910

■ 72.6184, 80.4590,
80.0779

■ 38.2364, 63.9251,
24.6713

■ 83.4795, 85.6887,
97.2757

■ 34.8717, 62.3123,
19.0141

■ 89.2868, 88.4737,
106.9789

■ 32.4870, 61.1717,
14.8891

■ 30.9767, 60.4523,
12.1468

■ 30.2092, 60.0899,
10.6076

■ 30.0587, 60.0184,
10.3244

Harmonies

Analogous

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



61.4951, 72.0097, 40.4676



55.0655, 72.0097, 52.0713



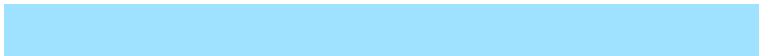
52.2486, 72.0097, 73.1114

Triad

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



55.0655, 72.0097, 52.0713



66.5684, 72.0097, 140.6877



86.0133, 72.0097, 59.5473

Complementary

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



55.0655, 72.0097, 52.0713



64.2460, 53.6047, 84.0544

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.



87.6794, 72.0097, 83.9509



55.0655, 72.0097, 52.0713



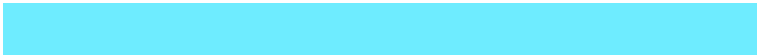
75.8956, 72.0097, 134.7613

Square

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



55.0655, 72.0097, 52.0713



58.4938, 72.0097, 127.1347



83.8287, 72.0097, 112.3928



79.4610, 72.0097, 44.0553

Rectangle

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



55.0655, 72.0097, 52.0713



52.5990, 72.0097, 91.2699



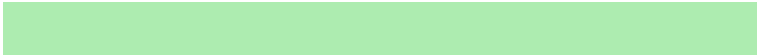
83.8287, 72.0097, 112.3928



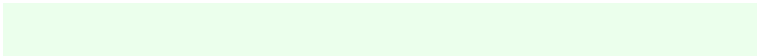
87.1866, 72.0097, 66.8120

Sweetspot

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



55.0674, 72.0127, 52.0729



84.9672, 95.1454, 92.9176



71.4402, 80.4872, 51.3061



17.8066, 20.1822, 19.2847



0.0000, 0.0000, 0.0000



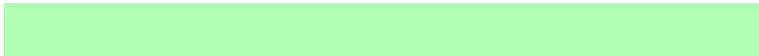
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0674, 72.0127, 52.0729



61.0466, 83.6357, 54.6707



58.4447, 73.3637, 69.8577



14.8974, 16.8738, 16.1426



16.5813, 33.0870, 5.7601



1.3123, 2.6022, 0.5064

Inverse Universe

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



64.2460, 53.6047, 84.0544



73.6909, 58.2730, 98.7244



60.2459, 52.0047, 62.9902



15.6820, 15.3007, 18.8768



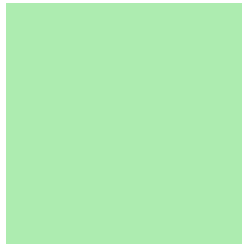
26.5552, 12.8248, 40.3207



2.0948, 1.0109, 3.2166

Previews

White Background



This preview shows how the XYZ color 55.0655, 72.0097, 52.0713 looks on a white background.

Color Contrast Check

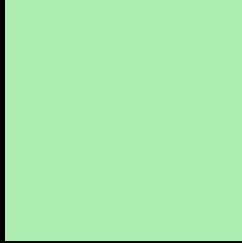
Large Text (above 18pt) WCAG AA × Fail

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 55.0655, 72.0097, 52.0713 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

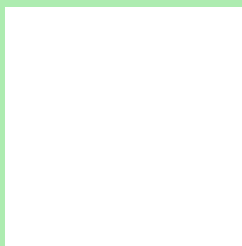
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0655, 72.0097, 52.0713

Background



This preview shows how black text looks on a background with the XYZ color 55.0655, 72.0097, 52.0713.



This preview shows how white text looks on a background with the XYZ color 55.0655, 72.0097,

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

55.0655, 72.0097, 52.0713

Protanopia

66.9220, 71.6757, 47.3534

Deuteranopia

72.5078, 70.9956, 53.5980



Tritanopia

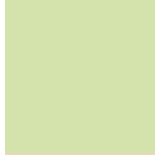
63.9581, 71.8450, 96.8827

Trichromacy



Original Color

55.0655, 72.0097, 52.0713



Protanomaly

61.6984, 71.3300, 49.0443



Deuteranomaly

64.7812, 70.4486, 52.8314



Tritanomaly

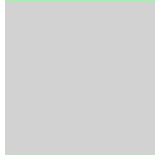
60.2711, 71.5847, 78.3507

Monochromacy



Original Color

55.0655, 72.0097, 52.0713



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.5505, 66.6106, 63.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0655, 72.0097, 52.0713 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(173, 236, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 176)  
}
```

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(173, 236, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 176) }
```

Border

The CSS property to change the border of an element to XYZ 55.0655, 72.0097, 52.0713 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(173, 236, 176) }
```


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

```
.border{ border-color:rgb(173, 236, 176) }
```

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

Here you see how a box with a 4 pixel rgb(173, 236, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 236, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 236, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 236,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0655, 72.0097, 52.0713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 176) }
```

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

```
.background{ background-color: rgb(173,  
236, 176) }
```

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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