

Converting Colors

XYZ(55.1650, 72.4608, 53.4620)

Have a look what the booklet for
XYZ(55.1650, 72.4608, 53.4620)
contains.

XYZ(55.2155, 72.4810, 53.7279)	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(55.2155, 72.4810,
53.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDB3
RGB	171, 237, 179
RGB Percent	67%, 93%, 70%
CMY	0.3294, 0.0706, 0.2980
CMYK	0.28, 0.00, 0.24, 0.07
HSL	127°, 65%, 80%
HSV	127°, 28%, 93%
XYZ	55.2155, 72.4810, 53.7279
YIQ	210.6540, -20.7180, -32.0300

Conversions

Conversions Part 2

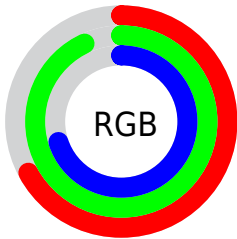
Format	Color
RYB	171, 230, 237
Decimal	11267507
CIELab	88.20, -31.94, 21.61
CIELCh	88, 38.561, 145.914
Yxy	72.4810, 0.3043, 0.3995
Android (android.graphics.Color)	4289457587 (0xFFABEDB3)
YUV	210.6540, -15.6054, -34.7766
Hunter-Lab	85.1358, -33.2200, 22.1780

Details

The XYZ color **55.2155, 72.4810, 53.7279** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.6333, 52.7891, 80.9673**, and the grayscale version is **61.7997, 65.0181, 70.8047**.

A 20% lighter version of the original color is **82.7503, 94.0121, 92.3820**, and **27.6259, 38.3360, 25.6822** is the 20% darker color. If you saturate the color by 10%, you get **48.5589, 69.2767, 43.2390**, and if you desaturate by 10%, it is **63.1198, 76.2958, 65.9391**.

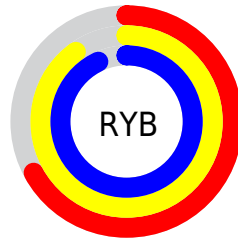
Distribution



Red (67%)

Green (93%)

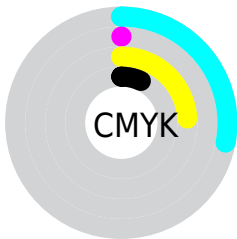
Blue (70%)



Red (67%)

Yellow (90%)

Blue (93%)

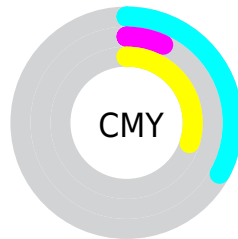


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2155, 72.4810, 53.7279 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 55.2155, 72.4810, 53.7279 by changing the saturation by 10% instead.

■ 55.2155, 72.4810,
53.7279

■ 55.2155, 72.4810,
53.7279

396.8514,
469.2141, 418.2168

■ 39.8088, 53.5517,
37.9925

■ 97.0031, 122.7401,
97.1270

■ 27.5731, 38.2434,
25.6751

124.1147,
154.8388, 125.6277

■ 18.1429, 26.1716,
16.3571

155.8587,
192.0959, 159.2206

■ 11.1529, 16.9521,
9.6201

192.6004,
234.8961, 198.3243

■ 6.2378, 10.2003,
5.0455

234.7052,
283.6236, 243.3571

■ 3.0323, 5.5320,
2.2148


282.5384,

■ 1.1708, 2.5626,


338.6628, 294.7378


0.6829


336.4653,
400.3982, 352.8849


 0.0832, 0.9079,
0.0000


 0.0000, 0.0000,
0.0000


 55.2155, 72.4810,
53.7279


 55.2155, 72.4810,
53.7279


 48.5589, 69.2767,
43.2390


 63.1198, 76.2958,
65.9391

 43.0804, 66.6427,
34.3903

 72.3251, 80.7410,
79.9402

 38.7128, 64.5479,
27.1004

 82.8887, 85.8466,
95.8008

 35.3791, 62.9547,
21.2788

 89.5756, 89.0512,
107.0752

■ 32.9929, 61.8207,
16.8259

■ 31.4533, 61.0962,
13.6295

■ 30.6269, 60.7151,
11.5592

■ 30.5040, 60.6586,
11.2454

Harmonies

Analogous

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



61.4237, 72.4810, 41.4677



55.2155, 72.4810, 53.7279



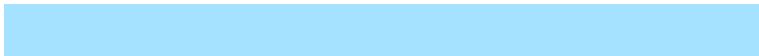
52.6644, 72.4810, 75.3537

Triad

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



55.2155, 72.4810, 53.7279



67.6344, 72.4810, 141.2350



86.1152, 72.4810, 58.7289

Complementary

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



55.2155, 72.4810, 53.7279



63.6333, 52.7891, 80.9673

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.



88.1491, 72.4810, 82.5960



55.2155, 72.4810, 53.7279



76.9402, 72.4810, 134.0200

Square

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



55.2155, 72.4810, 53.7279



59.4174, 72.4810, 128.9319



84.6564, 72.4810, 110.9629



79.3216, 72.4810, 43.8704

Rectangle

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



55.2155, 72.4810, 53.7279



53.1970, 72.4810, 93.6898



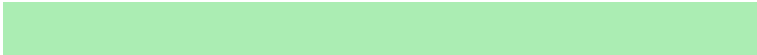
84.6564, 72.4810, 110.9629



87.4028, 72.4810, 65.7894

Sweetspot

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



55.2174, 72.4841, 53.7295



85.1857, 95.2328, 94.0685



70.0468, 80.2197, 50.3209



17.8611, 20.2040, 19.5716



0.0000, 0.0000, 0.0000



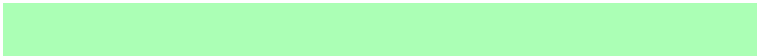
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2174, 72.4841, 53.7295



60.8676, 83.4994, 56.6520



58.9268, 73.9678, 73.2629



14.9426, 16.8919, 16.3806



16.6783, 33.1258, 6.2712



1.3339, 2.6109, 0.6200

Inverse Universe

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



63.6333, 52.7891, 80.9673



72.2255, 56.9095, 93.4039



59.4882, 51.1311, 59.1394



15.6316, 15.2805, 18.6114



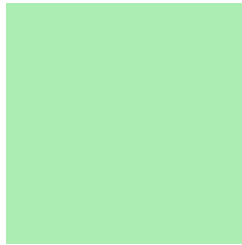
25.3348, 12.3366, 33.8941



2.0116, 0.9776, 2.7782

Previews

White Background



This preview shows how the XYZ color 55.2155, 72.4810, 53.7279 looks on a white background.

Color Contrast Check

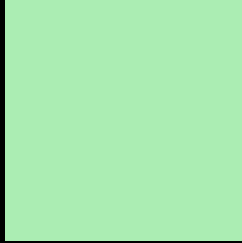
Large Text (above 18pt) WCAG AA × Fail

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 55.2155, 72.4810, 53.7279 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 55.2155, 72.4810, 53.7279

Background



This preview shows how black text looks on a background with the XYZ color 55.2155, 72.4810, 53.7279.



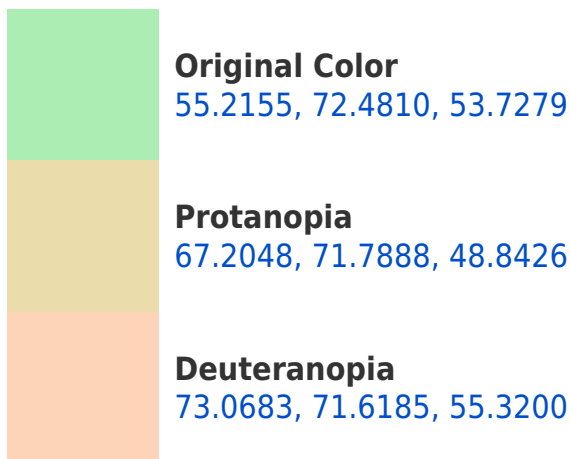
This preview shows how white text looks on a background with the XYZ color 55.2155, 72.4810,

53.7279.

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





Tritanopia

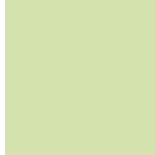
63.9064, 72.2079, 97.7581

Trichromacy



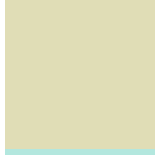
Original Color

55.2155, 72.4810, 53.7279



Protanomaly

61.9877, 71.4458, 50.5677



Deuteranomaly

65.0404, 70.9376, 54.5203



Tritanomaly

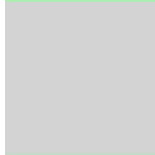
60.3511, 72.0095, 79.8256

Monochromacy



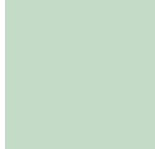
Original Color

55.2155, 72.4810, 53.7279



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.6670, 67.0457, 63.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2155, 72.4810, 53.7279 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(171, 237, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 179)  
}
```

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(171, 237, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.2155, 72.4810, 53.7279 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(171, 237, 179) }
```


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

```
.border{ border-color:rgb(171, 237, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 237, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 237, 179); box-shadow:4px 4px 4px 4px rgb(171, 237, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2155, 72.4810, 53.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 179) }
```

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

```
.background{ background-color: rgb(171,  
237, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor