

Converting Colors

XYZ(55.6726, 72.4811, 43.3461)

Have a look what the booklet for
XYZ(55.6726, 72.4811, 43.3461)
contains.

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Color

**XYZ(55.6954, 72.5268,
43.4114)**

Conversions

Conversions Part 1

Format	Color
Hex	B7EC9E
RGB	183, 236, 158
RGB Percent	72%, 93%, 62%
CMY	0.2824, 0.0745, 0.3804
CMYK	0.22, 0.00, 0.33, 0.07
HSL	101°, 67%, 77%
HSV	101°, 33%, 93%
XYZ	55.6954, 72.5268, 43.4114
YIQ	211.2610, -6.5500, -35.4940

Conversions

Conversions Part 2

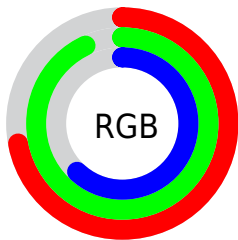
Format	Color
RYB	158, 236, 211
Decimal	12053662
CIELab	88.22, -30.83, 32.49
CIElCh	88, 44.787, 133.493
Yxy	72.5268, 0.3245, 0.4226
Android (android.graphics.Color)	4290243742 (0xFFB7EC9E)
YUV	211.2610, -26.2577, -24.7849
Hunter-Lab	85.1627, -32.2977, 29.3910

Details

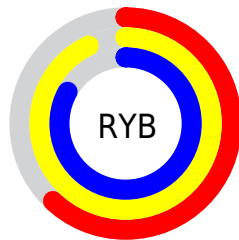
The XYZ color **55.6954, 72.5268, 43.4114** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **54.2344, 44.3609, 85.0649**, and the grayscale version is **62.2623, 65.5048, 71.3348**.

A 20% lighter version of the original color is **83.7054, 94.8494, 76.8468**, and **27.9760, 38.3503, 19.5635** is the 20% darker color. If you saturate the color by 10%, you get **50.2567, 69.9378, 33.5521**, and if you desaturate by 10%, it is **61.9626, 75.5021, 55.3487**.

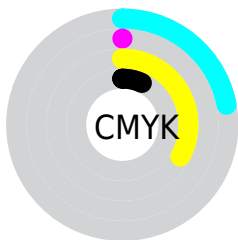
Distribution



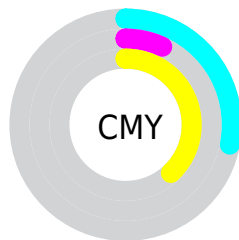
- Red (72%)
- Green (93%)
- Blue (62%)



- Red (62%)
- Yellow (93%)
- Blue (83%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (7%)





- Cyan (28%)
- Magenta (7%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6954, 72.5268, 43.4114 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 55.6954, 72.5268, 43.4114 by changing the saturation by 10% instead.


 55.6954, 72.5268,
43.4114


 55.6954, 72.5268,
43.4114

398.6362,
469.3731, 376.2717

 40.1948, 53.5891,
29.8742


 97.7015, 122.8052,
81.6243

 27.8753, 38.2733,
19.4919


 124.9377,
154.9147, 107.1372

 18.3717, 26.1949,
11.8459


156.8164,
192.1836, 137.4790

 11.3185, 16.9695,
6.5175

193.7031,
234.9964, 173.0683

 6.3503, 10.2127,
3.0884

235.9631,
283.7373, 214.3237

 3.1019, 5.5402,
1.1400


283.9617,

 1.2079, 2.5676,


338.7908, 261.6638


0.0000


338.0643,
400.5413, 315.5069


 0.1126, 0.9104,
0.0000

 0.0000, 0.0000,
0.0000


 55.6954, 72.5268,
43.4114


 55.6954, 72.5268,
43.4114


 50.2567, 69.9378,
33.5521


 61.9626, 75.5021,
55.3487


 45.6041, 67.7095,
25.6473

 69.0872, 78.8699,
69.4686

 41.6993, 65.8270,
19.5680

 77.1035, 82.6476,
85.8741

 38.4985, 64.2710,
15.1675

 86.0421, 86.8491,
104.6606

■ 35.9522, 63.0197,
12.2766

■ 89.2869, 88.4739,
106.9790

■ 34.0032, 62.0481,
10.6903

■ 32.9484, 61.5154,
10.1371

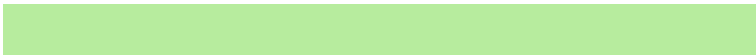
Harmonies

Analogous

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



64.2348, 72.5268, 34.3431



55.6954, 72.5268, 43.4114



50.9958, 72.5268, 63.3522

Triad

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



55.6954, 72.5268, 43.4114



63.2408, 72.5268, 150.1906



90.9897, 72.5268, 65.9774

Complementary

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



55.6954, 72.5268, 43.4114



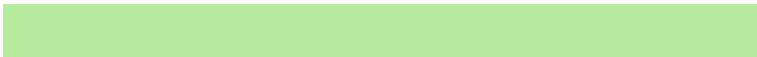
54.2344, 44.3609, 85.0649

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.



90.6525, 72.5268, 96.9627



55.6954, 72.5268, 43.4114



73.8581, 72.5268, 151.4278

Square

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



55.6954, 72.5268, 43.4114



55.0330, 72.5268, 126.9807



84.1212, 72.5268, 130.0184



84.9998, 72.5268, 44.9016

Rectangle

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



55.6954, 72.5268, 43.4114



50.3350, 72.5268, 82.6221



84.1212, 72.5268, 130.0184



91.6299, 72.5268, 75.4259

Sweetspot

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



55.6973, 72.5299, 43.4130



85.1227, 95.3256, 88.4085



63.8132, 66.3978, 41.8016



17.9399, 20.2716, 18.3550



0.0000, 0.0000, 0.0000



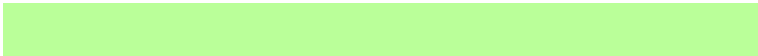
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6973, 72.5299, 43.4130



61.6839, 84.2200, 43.1420



51.4489, 70.2036, 49.3685



15.3228, 17.0964, 16.0111



18.2802, 33.9683, 5.5931



1.5324, 2.7173, 0.4437

Inverse Universe

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



54.2344, 44.3609, 85.0649



59.6609, 45.5813, 100.2613



60.1410, 47.6163, 75.8365



15.2182, 15.0578, 19.0266



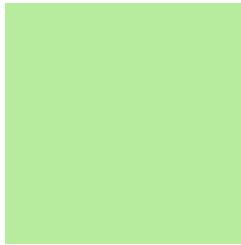
16.5180, 7.5513, 44.3299



1.3965, 0.6442, 3.4856

Previews

White Background



This preview shows how the XYZ color 55.6954, 72.5268, 43.4114 looks on a white background.

Color Contrast Check

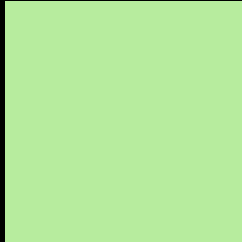
Large Text (above 18pt) WCAG AA × Fail

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 55.6954, 72.5268, 43.4114 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 55.6954, 72.5268, 43.4114

Background



This preview shows how black text looks on a background with the XYZ color 55.6954, 72.5268, 43.4114.

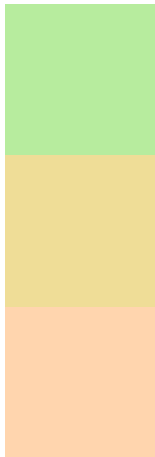


This preview shows how white text looks on a background with the XYZ color 55.6954, 72.5268,

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

55.6954, 72.5268, 43.4114

Protanopia

67.0390, 72.2980, 39.6997

Deuteranopia

72.6742, 71.9045, 50.0930



Tritanopia

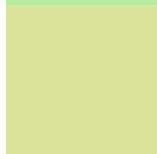
66.1288, 72.1918, 95.2431

Trichromacy



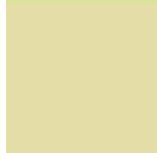
Original Color

55.6954, 72.5268, 43.4114



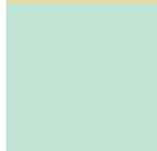
Protanomaly

62.2425, 71.7859, 41.1474



Deuteranomaly

65.2374, 71.1981, 47.3500



Tritanomaly

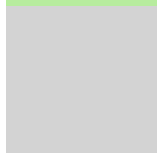
61.6412, 71.9986, 72.9356

Monochromacy



Original Color

55.6954, 72.5268, 43.4114



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.1950, 67.4097, 59.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6954, 72.5268, 43.4114 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(183, 236, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 236, 158)  
}
```

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(183, 236, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 236, 158) }
```

Border

The CSS property to change the border of an element to XYZ 55.6954, 72.5268, 43.4114 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(183, 236, 158) }
```


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

```
.border{ border-color:rgb(183, 236, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 236, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 236, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 236, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 236,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6954, 72.5268, 43.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 236, 158) }
```

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

```
.background{ background-color: rgb(183,  
236, 158) }
```

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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