

Converting Colors

XYZ(56.8054, 71.1616, 55.3154)

Have a look what the booklet for
XYZ(56.8054, 71.1616, 55.3154)
contains.

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Color

**XYZ(56.9323, 71.1994,
55.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E8B7
RGB	183, 232, 183
RGB Percent	72%, 91%, 72%
CMY	0.2823, 0.0902, 0.2823
CMYK	0.21, 0.00, 0.21, 0.09
HSL	120°, 52%, 81%
HSV	120°, 21%, 91%
XYZ	56.9323, 71.1994, 55.5420
YIQ	211.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

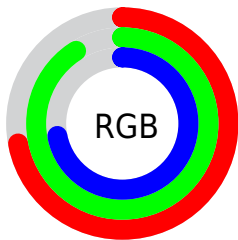
Format	Color
RYB	183, 232, 232
Decimal	12052663
CIELab	87.58, -24.99, 18.79
CIELCh	88, 31.267, 143.069
Yxy	71.1994, 0.3100, 0.3876
Android (android.graphics.Color)	4290242743 (0xFFB7E8B7)
YUV	211.7630, -14.1802, -25.2252
Hunter-Lab	84.3797, -27.2279, 20.0388

Details

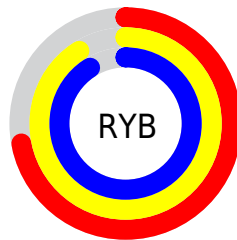
The XYZ color **56.9323, 71.1994, 55.5420** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.7801, 56.8505, 83.9059**, and the grayscale version is **62.5211, 65.7770, 71.6312**.

A 20% lighter version of the original color is **87.2752, 96.2773, 95.6448**, and **28.6079, 37.3295, 26.8166** is the 20% darker color. If you saturate the color by 10%, you get **49.6432, 67.7002, 43.6179**, and if you desaturate by 10%, it is **65.5328, 75.3328, 69.6081**.

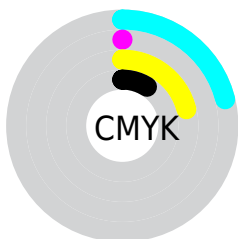
Distribution



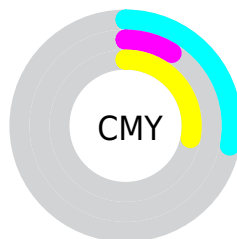
- Red (72%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (28%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9323, 71.1994, 55.5420 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 56.9323, 71.1994, 55.5420 by changing the saturation by 10% instead.

■ 56.9323, 71.1994,
55.5420

■ 56.9323, 71.1994,
55.5420

403.2139,
464.7502, 425.3029

■ 41.1908, 52.5049,
39.4343

■ 99.4983, 120.9176,
99.8137

■ 28.6565, 37.4077,
26.7873

127.0536,
152.7101, 128.8148

■ 18.9641, 25.5233,
17.1825

159.2775,
189.6375, 162.9508

■ 11.7482, 16.4674,
10.2014

196.5353,
232.0840, 202.6402

■ 6.6434, 9.8555,
5.4253

239.1926,
280.4342, 248.3016

■ 3.2845, 5.3032,
2.4359


287.6145,

■ 1.3059, 2.4263,


335.0723, 300.3535


0.8059


342.1665,
396.3829, 359.2144


 0.1876, 0.8394,
0.0000


 0.0000, 0.0000,
0.0000


 56.9323, 71.1994,
55.5420


 56.9323, 71.1994,
55.5420

 49.6432, 67.7002,
43.6179


 65.5328, 75.3328,
69.6081


 43.5960, 64.7954,
33.7265

 75.4987, 80.1199,
85.9090

 38.7229, 62.4546,
25.7557

 86.8878, 85.5907,
104.5379

 34.9479, 60.6413,
19.5809

 88.1480, 86.1960,
106.5993

■ 32.1858, 59.3145,
15.0629

■ 30.3390, 58.4274,
12.0419

■ 29.2905, 57.9238,
10.3269

■ 28.8580, 57.7160,
9.6195

Harmonies

Analogous

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



62.2534, 71.1994, 45.7724



56.9323, 71.1994, 55.5420



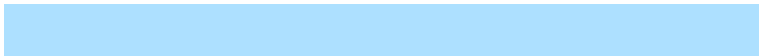
54.5177, 71.1994, 72.7136

Triad

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



56.9323, 71.1994, 55.5420



65.9717, 71.1994, 125.3763



81.6144, 71.1994, 62.6386

Complementary

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



56.9323, 71.1994, 55.5420



64.7801, 56.8505, 83.9059

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.



82.7904, 71.1994, 82.5421



56.9323, 71.1994, 55.5420



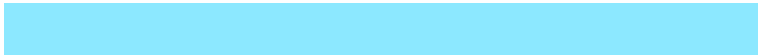
73.3982, 71.1994, 121.3441

Square

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



56.9323, 71.1994, 55.5420



59.4847, 71.1994, 114.8400



79.6859, 71.1994, 104.6534



76.5800, 71.1994, 49.3184

Rectangle

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



56.9323, 71.1994, 55.5420



54.7469, 71.1994, 87.1007



79.6859, 71.1994, 104.6534



82.4884, 71.1994, 68.6764

Sweetspot

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



56.9342, 71.2024, 55.5436



87.2771, 96.2663, 96.1861



70.6857, 78.2916, 56.1867



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



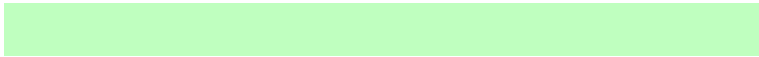
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9342, 71.2024, 55.5436



66.7404, 86.4015, 62.5948



59.7108, 72.3131, 70.1652



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



64.7801, 56.8505, 83.9059



77.9752, 65.8507, 103.2075



61.5382, 55.5538, 66.8340



14.9952, 14.6153, 18.1750



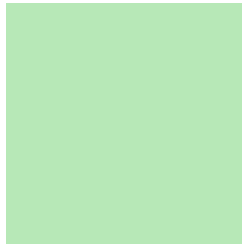
26.5609, 12.7586, 43.4443



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 56.9323, 71.1994, 55.5420 looks on a white background.

Color Contrast Check

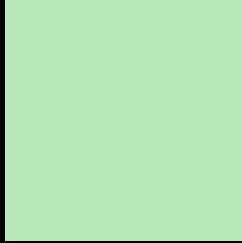
Large Text (above 18pt) WCAG AA × Fail

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 56.9323, 71.1994, 55.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

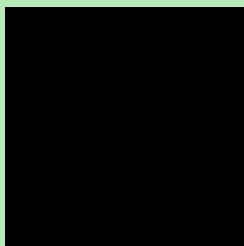
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

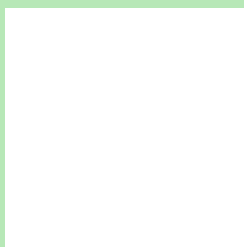
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9323, 71.1994, 55.5420

Background



This preview shows how black text looks on a background with the XYZ color 56.9323, 71.1994, 55.5420.



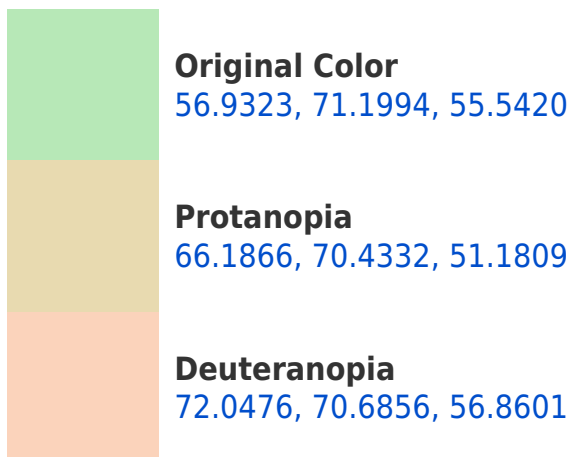
This preview shows how white text looks on a background with the XYZ color 56.9323, 71.1994,

55.5420.

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

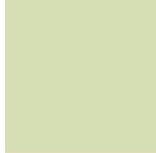
64.6750, 71.0596, 94.3115

Trichromacy



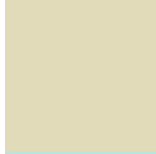
Original Color

56.9323, 71.1994, 55.5420



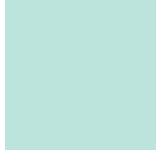
Protanomaly

62.2559, 70.3262, 52.9409



Deuteranomaly

65.5585, 70.3770, 56.5832



Tritanomaly

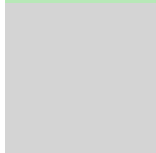
61.5065, 70.9774, 78.8649

Monochromacy



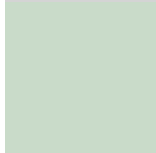
Original Color

56.9323, 71.1994, 55.5420



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.9615, 67.2976, 65.0878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9323, 71.1994, 55.5420 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, 232, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 232, 183)  
}
```

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, 232, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 232, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.9323, 71.1994, 55.5420 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, 232, 183) }
```


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

```
.border{ border-color:rgb(183, 232, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 232, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 232, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 232, 183); box-shadow:4px 4px 4px 4px rgb(183, 232, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9323, 71.1994, 55.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 232, 183) }
```

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

```
.background{ background-color: rgb(183,  
232, 183) }
```

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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