

Converting Colors

XYZ(55.5288, 71.2534, 51.0691)

Have a look what the booklet for
XYZ(55.5288, 71.2534, 51.0691)
contains.

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Color

**XYZ(55.6532, 71.4853,
50.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EAAE
RGB	179, 234, 174
RGB Percent	70%, 92%, 68%
CMY	0.2980, 0.0823, 0.3176
CMYK	0.24, 0.00, 0.26, 0.08
HSL	115°, 59%, 80%
HSV	115°, 26%, 92%
XYZ	55.6532, 71.4853, 50.9092
YIQ	210.7150, -13.5200, -30.3200

Conversions

Conversions Part 2

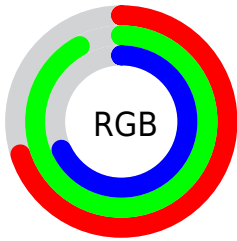
Format	Color
RYB	174, 234, 229
Decimal	11791022
CIELab	87.72, -28.77, 23.60
CIELCh	88, 37.211, 140.641
Yxy	71.4853, 0.3126, 0.4015
Android (android.graphics.Color)	4289981102 (0xFFB3EAAE)
YUV	210.7150, -18.1005, -27.8141
Hunter-Lab	84.5490, -30.4656, 23.4842

Details

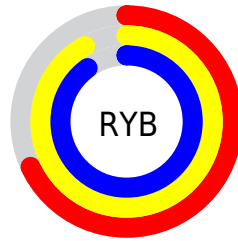
The XYZ color **55.6532, 71.4853, 50.9092** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.3034, 52.8727, 84.7673**, and the grayscale version is **61.8524, 65.0735, 70.8651**.

A 20% lighter version of the original color is **84.6350, 95.0660, 88.7518**, and **27.8290, 37.5812, 23.8763** is the 20% darker color. If you saturate the color by 10%, you get **48.9901, 68.2934, 39.7087**, and if you desaturate by 10%, it is **63.4888, 75.2398, 64.2420**.

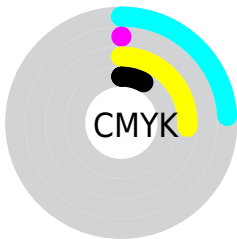
Distribution



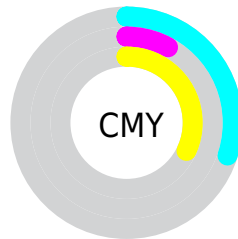
- Red (70%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)





- Cyan (30%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6532, 71.4853, 50.9092 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 55.6532, 71.4853, 50.9092 by changing the saturation by 10% instead.


 55.6532, 71.4853,
50.9092

 55.6532, 71.4853,
50.9092


398.4795,
465.7481, 407.0474

 40.1608, 52.7383,
35.7601


 97.6401, 121.3245,
92.9307

 27.8487, 37.5939,
23.9608


124.8653,
153.1855, 120.6401

 18.3515, 25.6677,
15.0926


156.7323,
190.1866, 153.3735

 11.3039, 16.5752,
8.7370

193.6062,
232.7123, 191.5493

 6.3404, 9.9321,
4.4756

235.8526,
281.1469, 235.5860

 3.0958, 5.3539,
1.8897

283.8367,

 1.2046, 2.4564,

335.8748, 285.9022

0.4862

337.9238,
397.2804, 342.9165

0.1100, 0.8547,
0.0000

0.0000, 0.0000,
0.0000

55.6532, 71.4853,
50.9092

55.6532, 71.4853,
50.9092

48.9901, 68.2934,
39.7087

63.4888, 75.2398,
64.2420

43.4376, 65.6285,
30.5256

72.5436, 79.5727,
79.8047

38.9369, 63.4649,
23.2414

82.8687, 84.5102,
97.6946

35.4212, 61.7710,
17.7233

88.7142, 87.3284,
106.7881

■ 32.8164, 60.5118,
13.8212

■ 31.0372, 59.6473,
11.3605

■ 29.9824, 59.1297,
10.1258

■ 29.7025, 58.9919,
9.8211

Harmonies

Analogous

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



62.1379, 71.4853, 40.6455



55.6532, 71.4853, 50.9092



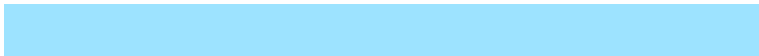
52.5421, 71.4853, 70.1982

Triad

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



55.6532, 71.4853, 50.9092



65.2228, 71.4853, 136.2928



85.0898, 71.4853, 61.9332

Complementary

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



55.6532, 71.4853, 50.9092



62.3034, 52.8727, 84.7673

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.



86.0966, 71.4853, 86.0072



55.6532, 71.4853, 50.9092



74.1023, 71.4853, 132.7328

Square

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



55.6532, 71.4853, 50.9092



57.7434, 71.4853, 121.7710



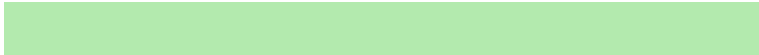
81.9244, 71.4853, 112.8937



79.2817, 71.4853, 45.9877

Rectangle

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



55.6532, 71.4853, 50.9092



52.5976, 71.4853, 87.1564



81.9244, 71.4853, 112.8937



86.0195, 71.4853, 69.2038

Sweetspot

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



55.6551, 71.4883, 50.9108



85.3893, 95.3793, 92.2041



69.5941, 76.5905, 51.1609



17.9118, 20.2404, 19.1071



0.0000, 0.0000, 0.0000



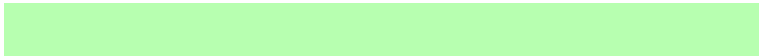
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6551, 71.4883, 50.9108



63.0098, 84.6631, 54.0690



57.1894, 71.9710, 64.9124



14.9846, 16.9221, 15.9952



16.7324, 33.1703, 5.5206



1.3542, 2.6254, 0.4354

Inverse Universe

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



62.3034, 52.8727, 84.7673



72.4239, 58.2833, 102.0404



60.5788, 52.3698, 67.2396



15.5838, 15.2462, 19.0437



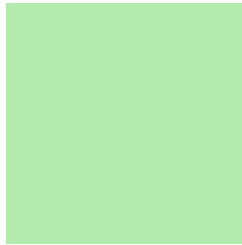
24.0644, 11.4416, 44.6831



1.9262, 0.9173, 3.5104

Previews

White Background



This preview shows how the XYZ color 55.6532, 71.4853, 50.9092 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 55.6532, 71.4853, 50.9092 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

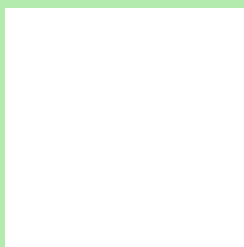
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6532, 71.4853, 50.9092

Background



This preview shows how black text looks on a background with the XYZ color 55.6532, 71.4853, 50.9092.



This preview shows how white text looks on a background with the XYZ color 55.6532, 71.4853,

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

55.6532, 71.4853, 50.9092

Protanopia

66.2383, 70.9455, 46.7619

Deuteranopia

72.3040, 70.9140, 52.5248



Tritanopia

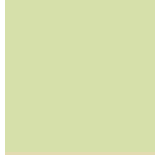
64.5887, 71.3979, 95.1710

Trichromacy



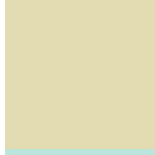
Original Color

55.6532, 71.4853, 50.9092



Protanomaly

61.6429, 70.5097, 48.3910



Deuteranomaly

64.9459, 70.1683, 51.7158



Tritanomaly

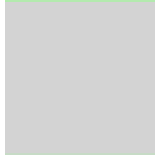
60.8918, 71.1136, 76.8466

Monochromacy



Original Color

55.6532, 71.4853, 50.9092



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.0777, 66.8824, 63.2219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6532, 71.4853, 50.9092 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(179, 234, 174)` looks like.

```
.text, #text, p{  
    color:rgb(179, 234, 174)  
}
```

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(179, 234, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 234, 174) }
```

Border

The CSS property to change the border of an element to XYZ 55.6532, 71.4853, 50.9092 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(179, 234, 174) }
```


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

```
.border{ border-color:rgb(179, 234, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 234, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 234, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 234, 174);  
box-shadow:4px 4px 4px 4px rgb(179, 234,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6532, 71.4853, 50.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 234, 174) }
```

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

```
.background{ background-color: rgb(179,  
234, 174) }
```

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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