

Converting Colors

XYZ(55.6517, 67.6743, 49.4676)

Have a look what the booklet for
XYZ(55.6517, 67.6743, 49.4676)
contains.

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Color

**XYZ(55.7032, 67.8147,
49.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE1AD
RGB	190, 225, 173
RGB Percent	75%, 88%, 68%
CMY	0.2549, 0.1176, 0.3216
CMYK	0.16, 0.00, 0.23, 0.12
HSL	100°, 46%, 78%
HSV	100°, 23%, 88%
XYZ	55.7032, 67.8147, 49.6888
YIQ	208.6070, -4.1680, -23.5920

Conversions

Conversions Part 2

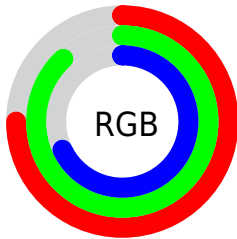
Format	Color
RYB	173, 225, 208
Decimal	12509613
CIELab	85.91, -20.86, 21.73
CIELCh	86, 30.124, 133.823
Yxy	67.8147, 0.3216, 0.3915
Android (android.graphics.Color)	4290699693 (0xFFBEE1AD)
YUV	208.6070, -17.5543, -16.3183
Hunter-Lab	82.3497, -23.3705, 21.8699

Details

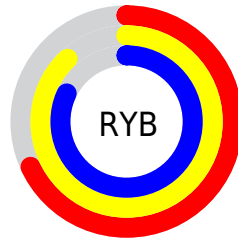
The XYZ color **55.7032, 67.8147, 49.6888** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.5494, 48.7352, 77.7696**, and the grayscale version is **60.4624, 63.6112, 69.2726**.

A 20% lighter version of the original color is **88.2606, 96.9513, 88.1904**, and **27.9182, 35.3398, 23.1191** is the 20% darker color. If you saturate the color by 10%, you get **50.1188, 65.1686, 39.0036**, and if you desaturate by 10%, it is **62.0510, 70.8160, 62.3265**.

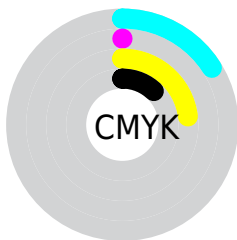
Distribution



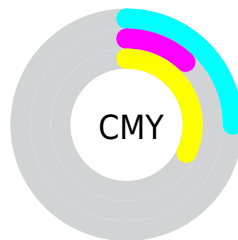
- Red (75%)
- Green (88%)
- Blue (68%)



- Red (68%)
- Yellow (88%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (25%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7032, 67.8147, 49.6888 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 55.7032, 67.8147, 49.6888 by changing the saturation by 10% instead.

■ 55.7032, 67.8147,
49.6888

■ 55.7032, 67.8147,
49.6888

398.6652,
452.8392, 402.1479

■ 40.2011, 49.7470,
34.7967

■ 97.7128, 116.0870,
91.1052

■ 27.8803, 35.2124,
23.2240

124.9510,
147.0604, 118.4666

■ 18.3754, 23.8265,
14.5522

156.8320,
183.1045, 150.8215

■ 11.3212, 15.2050,
8.3626

193.7210,
224.6037, 188.5885

■ 6.3522, 8.9634,
4.2367

235.9835,
271.9424, 232.1861

■ 3.1031, 4.7173,
1.7561


283.9848,

■ 1.2085, 2.0824,


325.5049, 282.0328


0.3988


338.0902,
385.6757, 338.5472


 0.1131, 0.6547,
0.0000


 0.0000, 0.0000,
0.0000


 55.7032, 67.8147,
49.6888


 55.7032, 67.8147,
49.6888


 50.1188, 65.1686,
39.0036


 62.0510, 70.8160,
62.3265


 45.2621, 62.8554,
30.1691

 69.1855, 74.1765,
77.0027

 41.1026, 60.8636,
23.0814

 77.1352, 77.9111,
93.8036

 37.6049, 59.1777,
17.6240

 84.6101, 81.5050,
105.8803

■ 34.7305, 57.7805,
13.6668

■ 86.2166, 82.3332,
105.9555

■ 32.4360, 56.6529,
11.0592

■ 30.6709, 55.7731,
9.6195

■ 29.7161, 55.2912,
9.1061

Harmonies

Analogous

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



61.3394, 67.8147, 42.7607



55.7032, 67.8147, 49.6888



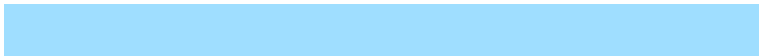
52.5411, 67.8147, 63.7555

Triad

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



55.7032, 67.8147, 49.6888



60.8316, 67.8147, 116.6457



78.2084, 67.8147, 65.1320

Complementary

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



55.7032, 67.8147, 49.6888



54.5494, 48.7352, 77.7696

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.



78.0481, 67.8147, 84.9326



55.7032, 67.8147, 49.6888



67.6761, 67.8147, 117.1944

Square

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



55.7032, 67.8147, 49.6888



55.3544, 67.8147, 103.3795



74.0804, 67.8147, 104.7665



74.5040, 67.8147, 50.5409

Rectangle

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



55.7032, 67.8147, 49.6888



52.1098, 67.8147, 76.3996



74.0804, 67.8147, 104.7665



78.6124, 67.8147, 71.3356

Sweetspot

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



55.7050, 67.8176, 49.6903



88.0249, 96.6952, 94.2603



61.0716, 63.9769, 48.6661



18.7167, 20.6382, 19.9194



0.0000, 0.0000, 0.0000



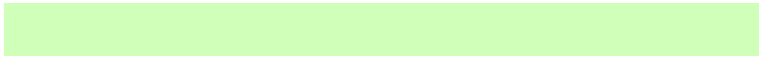
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7050, 67.8176, 49.6903



70.0850, 88.2206, 58.4623



52.5699, 66.1014, 54.0650



13.9486, 15.5537, 14.5738



17.2324, 31.9161, 5.2522



1.2864, 2.2596, 0.3684

Inverse Universe

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



54.5494, 48.7352, 77.7696



68.2762, 58.4341, 102.2881



58.4353, 50.8716, 71.9343



13.8368, 13.6994, 17.3027



15.3620, 7.0147, 41.5927



1.1577, 0.5341, 2.8873

Previews

White Background



This preview shows how the XYZ color 55.7032, 67.8147, 49.6888 looks on a white background.

Color Contrast Check

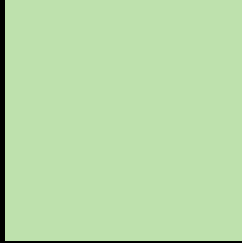
Large Text (above 18pt) WCAG AA × Fail

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 55.7032, 67.8147, 49.6888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

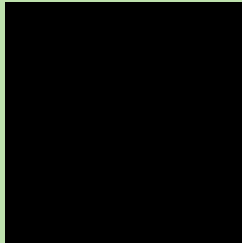
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7032, 67.8147, 49.6888

Background



This preview shows how black text looks on a background with the XYZ color 55.7032, 67.8147, 49.6888.



This preview shows how white text looks on a background with the XYZ color 55.7032, 67.8147,

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

55.7032, 67.8147, 49.6888

Protanopia

63.1094, 67.4143, 46.7318

Deuteranopia

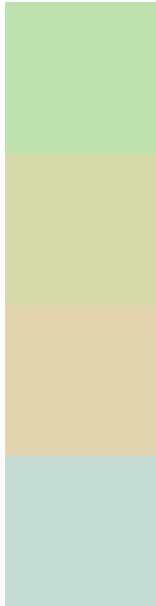
68.7185, 67.2734, 50.9582



Tritanopia

63.4836, 67.8456, 87.5915

Trichromacy



Original Color

55.7032, 67.8147, 49.6888

Protanomaly

60.0587, 67.3412, 47.8629

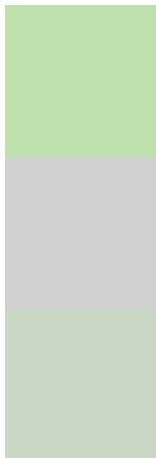
Deuteranomaly

63.3093, 67.0540, 50.6803

Tritanomaly

60.2418, 67.6756, 72.1750

Monochromacy



Original Color

55.7032, 67.8147, 49.6888

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.6214, 65.1430, 61.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7032, 67.8147, 49.6888 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(190, 225, 173)` looks like.

```
.text, #text, p{  
    color:rgb(190, 225, 173)  
}
```

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(190, 225, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 225, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.7032, 67.8147, 49.6888 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(190, 225, 173) }
```


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

```
.border{ border-color:rgb(190, 225, 173) }
```

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

Here you see how a box with a 4 pixel rgb(190, 225, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 225, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 225, 173);  
box-shadow:4px 4px 4px 4px rgb(190, 225,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7032, 67.8147, 49.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 225, 173) }
```

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

```
.background{ background-color: rgb(190,  
225, 173) }
```

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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