

Converting Colors

XYZ(55.3397, 68.0010, 57.2721)

Have a look what the booklet for
XYZ(55.3397, 68.0010, 57.2721)
contains.

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Color

**XYZ(55.2221, 67.8043,
57.1907)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E2BB
RGB	181, 226, 187
RGB Percent	71%, 89%, 73%
CMY	0.2902, 0.1137, 0.2667
CMYK	0.20, 0.00, 0.17, 0.11
HSL	128°, 44%, 80%
HSV	128°, 20%, 89%
XYZ	55.2221, 67.8043, 57.1907
YIQ	208.0990, -14.3010, -21.6690

Conversions

Conversions Part 2

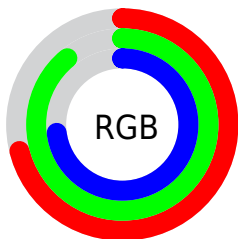
Format	Color
RYB	181, 221, 226
Decimal	11920059
CIELab	85.91, -22.04, 14.34
CIELCh	86, 26.296, 146.963
Yxy	67.8043, 0.3064, 0.3762
Android (android.graphics.Color)	4290110139 (0xFFB5E2BB)
YUV	208.0990, -10.4018, -23.7658
Hunter-Lab	82.3434, -24.3931, 16.4611

Details

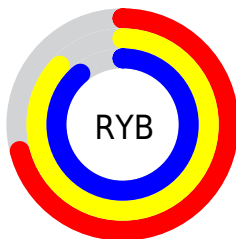
The XYZ color **55.2221, 67.8043, 57.1907** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.8086, 54.3855, 75.0059**, and the grayscale version is **60.0919, 63.2214, 68.8481**.

A 20% lighter version of the original color is **86.8627, 95.9956, 98.7449**, and **27.6184, 35.3591, 27.9236** is the 20% darker color. If you saturate the color by 10%, you get **48.3907, 64.5105, 46.6618**, and if you desaturate by 10%, it is **63.2029, 71.6614, 69.2693**.

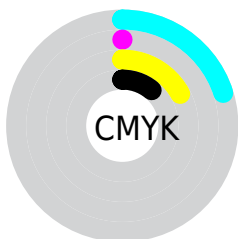
Distribution



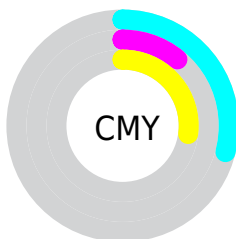
- Red (71%)
- Green (89%)
- Blue (73%)



- Red (71%)
- Yellow (87%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2221, 67.8043, 57.1907 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 55.2221, 67.8043, 57.1907 by changing the saturation by 10% instead.

■ 55.2221, 67.8043,
57.1907

■ 55.2221, 67.8043,
57.1907

396.8760,
452.8023, 431.6772

■ 39.8141, 49.7385,
40.7480

■ 97.0127, 116.0721,
102.2465

■ 27.5772, 35.2057,
27.8040

124.1261,
147.0430, 131.6966

■ 18.1460, 23.8214,
17.9402

155.8719,
183.0844, 166.3197

■ 11.1552, 15.2012,
10.7381

192.6156,
224.5806, 206.5342

■ 6.2394, 8.9607,
5.7790

234.7225,
271.9161, 252.7586

■ 3.0332, 4.7155,
2.6446

282.5580,

■ 1.1714, 2.0814,

325.4753, 305.4116

0.9153

336.4873,
385.6426, 364.9116

■ 0.0836, 0.6541,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2221, 67.8043,
57.1907

■ 55.2221, 67.8043,
57.1907

■ 48.3907, 64.5105,
46.6618

■ 63.2029, 71.6614,
69.2693

■ 42.6503, 61.7455,
37.6155

■ 72.3769, 76.0975,
82.9520

■ 37.9456, 59.4841,
29.9867

■ 82.7927, 81.1382,
98.2962

■ 34.2143, 57.6958,
23.7033

■ 86.4876, 82.8753,
106.0459

■ 31.3874, 56.3466,
18.6873

■ 29.3866, 55.3979,
14.8524

■ 28.1198, 54.8044,
12.1016

■ 27.4384, 54.4918,
10.3206

■ 27.4337, 54.4897,
10.3088

Harmonies

Analogous

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



59.3393, 67.8043, 48.0493



55.2221, 67.8043, 57.1907



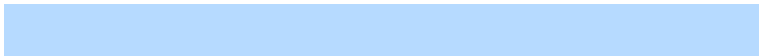
53.5654, 67.8043, 72.0851

Triad

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



55.2221, 67.8043, 57.1907



63.8347, 67.8043, 112.1209



75.3220, 67.8043, 59.7949

Complementary

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



55.2221, 67.8043, 57.1907



60.8086, 54.3855, 75.0059

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.



76.7083, 67.8043, 75.5974



55.2221, 67.8043, 57.1907



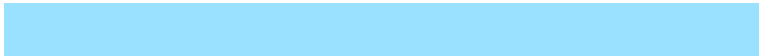
69.8375, 67.8043, 107.4872

Square

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



55.2221, 67.8043, 57.1907



58.3398, 67.8043, 105.2471



74.6437, 67.8043, 93.4129



70.9640, 67.8043, 49.3802

Rectangle

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



55.2221, 67.8043, 57.1907



53.9974, 67.8043, 83.9265



74.6437, 67.8043, 93.4129



76.1623, 67.8043, 64.5727

Sweetspot

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



55.2239, 67.8072, 57.1922



87.5814, 96.3880, 97.7884



65.2824, 73.0652, 54.3792



18.5796, 20.5505, 20.6820



0.0000, 0.0000, 0.0000



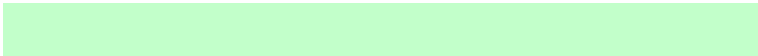
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2239, 67.8072, 57.1922



68.6127, 87.2252, 69.0719



57.7322, 68.8105, 70.4007



13.6028, 15.3669, 14.9436



15.6748, 31.0948, 6.0107



1.1108, 2.1651, 0.5448

Inverse Universe

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



60.8086, 54.3855, 75.0059



77.2512, 66.4602, 96.6232



58.1120, 53.3069, 60.8056



14.2123, 13.9025, 16.8880



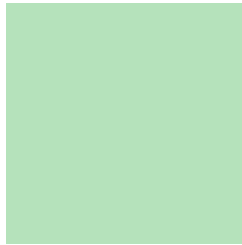
23.6010, 11.5074, 30.8944



1.6580, 0.8065, 2.2579

Previews

White Background



This preview shows how the XYZ color 55.2221, 67.8043, 57.1907 looks on a white background.

Color Contrast Check

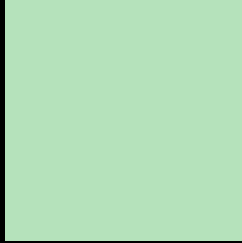
Large Text (above 18pt) WCAG AA × Fail

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 55.2221, 67.8043, 57.1907 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

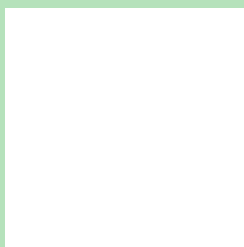
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2221, 67.8043, 57.1907

Background



This preview shows how black text looks on a background with the XYZ color 55.2221, 67.8043, 57.1907.



This preview shows how white text looks on a background with the XYZ color 55.2221, 67.8043,

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

55.2221, 67.8043, 57.1907

Protanopia

63.7511, 67.5981, 53.4038

Deuteranopia

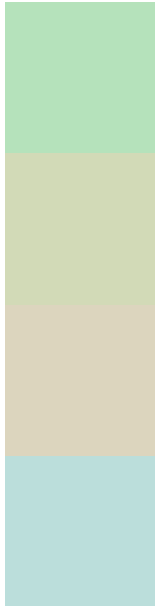
68.4374, 66.9589, 58.6075



Tritanopia

61.8528, 67.7246, 89.9329

Trichromacy



Original Color

55.2221, 67.8043, 57.1907

Protanomaly

60.1970, 67.2633, 54.6101

Deuteranomaly

62.6037, 66.5218, 58.2556

Tritanomaly

59.4010, 67.9218, 76.9973

Monochromacy



Original Color

55.2221, 67.8043, 57.1907

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0145, 64.7768, 64.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2221, 67.8043, 57.1907 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(181, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 187)  
}
```

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(181, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.2221, 67.8043, 57.1907 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(181, 226, 187) }
```


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

```
.border{ border-color:rgb(181, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 226, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 226, 187); box-shadow:4px 4px 4px 4px rgb(181, 226, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2221, 67.8043, 57.1907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 187) }
```

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

```
.background{ background-color: rgb(181,  
226, 187) }
```

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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