

Converting Colors

XYZ(55.5159, 62.9570, 62.7101)

Have a look what the booklet for
XYZ(55.5159, 62.9570, 62.7101)
contains.

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Color

**XYZ(55.7255, 63.2467,
62.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD6C6
RGB	191, 214, 198
RGB Percent	75%, 84%, 78%
CMY	0.2510, 0.1608, 0.2235
CMYK	0.11, 0.00, 0.07, 0.16
HSL	138°, 22%, 79%
HSV	138°, 11%, 84%
XYZ	55.7255, 63.2467, 62.6969
YIQ	205.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

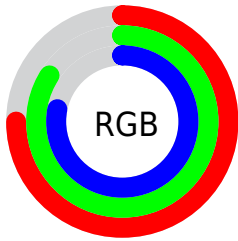
Format	Color
RYB	191, 209, 214
Decimal	12572358
CIELab	83.57, -10.71, 5.29
CIELCh	84, 11.943, 153.727
Yxy	63.2467, 0.3067, 0.3481
Android (android.graphics.Color)	4290762438 (0xFFBFD6C6)
YUV	205.2990, -3.5984, -12.5402
Hunter-Lab	79.5278, -14.0978, 8.9273

Details

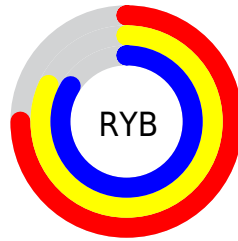
The XYZ color **55.7255, 63.2467, 62.6969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6271, 56.0644, 66.8187**, and the grayscale version is **58.2462, 61.2796, 66.7334**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.7487, 32.1283, 31.1244** is the 20% darker color. If you saturate the color by 10%, you get **49.0983, 60.0208, 53.8591**, and if you desaturate by 10%, it is **63.3115, 66.9509, 72.4634**.

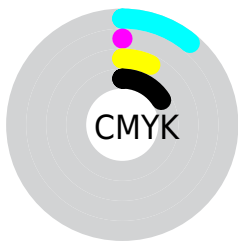
Distribution



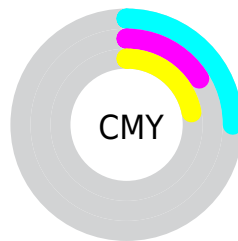
- Red (75%)
- Green (84%)
- Blue (78%)



- Red (75%)
- Yellow (82%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7255, 63.2467, 62.6969 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 55.7255, 63.2467, 62.6969 by changing the saturation by 10% instead.

■ 55.7255, 63.2467,
62.6969

■ 55.7255, 63.2467,
62.6969

398.7480,
436.4643, 452.5463

■ 40.2190, 46.0408,
45.1566

■ 97.7453, 109.5253,
110.3135

■ 27.8943, 32.2780,
31.2370

124.9892,
139.3669, 141.2268

■ 18.3861, 21.5740,
20.5194

156.8764,
174.1891, 177.4350

■ 11.3289, 13.5442,
12.5853

193.7722,
214.3764, 219.3564

■ 6.3574, 7.8043,
7.0163

236.0419,
260.3132, 267.4098

■ 3.1063, 3.9700,
3.3937

284.0508,

■ 1.2102, 1.6568,

312.3838, 322.0135

1.2990

338.1644,
370.9727, 383.5861

■ 0.1144, 0.3954,
0.0610

■ 0.0000, 0.0000,
0.0000

■ 55.7255, 63.2467,
62.6969

■ 55.7255, 63.2467,
62.6969

■ 49.0983, 60.0208,
53.8591

■ 63.3115, 66.9509,
72.4634

■ 43.3857, 57.2457,
45.9188

■ 71.8874, 71.1437,
83.1805

■ 38.5481, 54.9033,
38.8489

■ 81.4150, 75.8064,
94.8709

■ 34.5406, 52.9711,
32.6195

■ 83.3378, 76.5755,
104.9959

■ 31.3142, 51.4245,
27.1990

■ 28.8149, 50.2362,
22.5537

■ 26.9809, 49.3753,
18.6474

■ 25.7397, 48.8051,
15.4411

■ 25.0055, 48.4786,
13.0592

Harmonies

Analogous

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



57.3706, 63.2467, 57.5899



55.7255, 63.2467, 62.6969



55.2441, 63.2467, 69.8033

Triad

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



55.7255, 63.2467, 62.6969



60.4409, 63.2467, 84.2254



64.3852, 63.2467, 61.1892

Complementary

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



55.7255, 63.2467, 62.6969



57.6271, 56.0644, 66.8187

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.



65.2622, 63.2467, 67.9349



55.7255, 63.2467, 62.6969



62.9437, 63.2467, 81.5232

Square

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



55.7255, 63.2467, 62.6969



57.9199, 63.2467, 82.5730



64.7272, 63.2467, 75.4247



62.3630, 63.2467, 56.7646

Rectangle

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



55.7255, 63.2467, 62.6969



55.6359, 63.2467, 74.8113



64.7272, 63.2467, 75.4247



64.8263, 63.2467, 63.2422

Sweetspot

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



55.7273, 63.2494, 62.6983



91.4462, 98.2398, 104.3204



59.2130, 65.1375, 58.7431



19.3720, 20.9291, 22.0716



0.0000, 0.0000, 0.0000



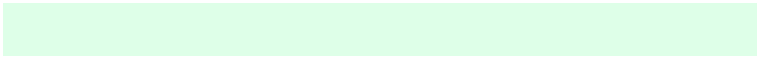
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7273, 63.2494, 62.6983



80.3949, 92.8486, 89.9819



57.0928, 63.7956, 69.8889



12.4164, 13.9576, 14.0074



15.1542, 29.3170, 8.1078



0.9505, 1.7829, 0.6813

Inverse Universe

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



57.6271, 56.0644, 66.8187



83.7895, 80.0101, 97.3432



56.2827, 55.5266, 59.7388



12.7846, 12.5653, 14.8059



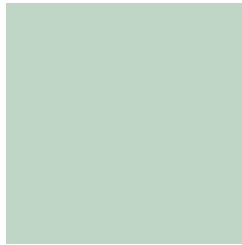
20.0832, 9.9696, 18.2742



1.2474, 0.6157, 1.2920

Previews

White Background



This preview shows how the XYZ color 55.7255, 63.2467, 62.6969 looks on a white background.

Color Contrast Check

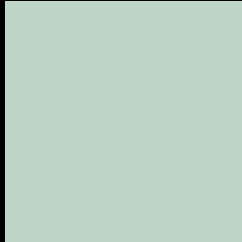
Large Text (above 18pt) WCAG AA × Fail

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 55.7255, 63.2467, 62.6969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

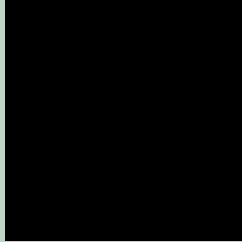
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

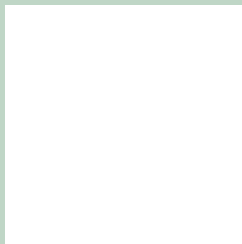
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7255, 63.2467, 62.6969

Background



This preview shows how black text looks on a background with the XYZ color 55.7255, 63.2467, 62.6969.

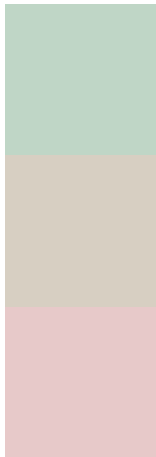


This preview shows how white text looks on a background with the XYZ color 55.7255, 63.2467,

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

55.7255, 63.2467, 62.6969

Protanopia

60.0748, 62.9678, 60.0267

Deuteranopia

64.3843, 62.9793, 64.0211



Tritanopia

59.5390, 63.3199, 81.0354

Trichromacy



Original Color

55.7255, 63.2467, 62.6969

Protanomaly

58.3505, 63.1551, 60.7445

Deuteranomaly

60.8155, 62.9117, 63.5814

Tritanomaly

57.9371, 63.0157, 74.0754

Monochromacy



Original Color

55.7255, 63.2467, 62.6969

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.0360, 61.6554, 64.7717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7255, 63.2467, 62.6969 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(191, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 214, 198)  
}
```

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(191, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 214, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.7255, 63.2467, 62.6969 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(191, 214, 198) }
```


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

```
.border{ border-color:rgb(191, 214, 198) }
```

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

Here you see how a box with a 4 pixel rgb(191, 214, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 214,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7255, 63.2467, 62.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 214, 198) }
```

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

```
.background{ background-color: rgb(191,  
214, 198) }
```

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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