

Converting Colors

XYZ(62.1573, 67.7000, 63.2174)

Have a look what the booklet for
XYZ(62.1573, 67.7000, 63.2174)
contains.

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Color

**XYZ(62.1573, 67.7000,
63.2174)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D9C6
RGB	212, 217, 198
RGB Percent	83%, 85%, 78%
CMY	0.1686, 0.1490, 0.2235
CMYK	0.02, 0.00, 0.09, 0.15
HSL	76°, 20%, 81%
HSV	76°, 9%, 85%
XYZ	62.1573, 67.7000, 63.2174
YIQ	213.3390, 3.1190, -6.9690

Conversions

Conversions Part 2

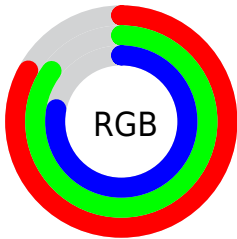
Format	Color
RYB	198, 217, 203
Decimal	13949382
CIELab	85.86, -5.04, 8.77
CIELCh	86, 10.110, 119.884
Yxy	67.7000, 0.3219, 0.3506
Android (android.graphics.Color)	4292139462 (0xFFD4D9C6)
YUV	213.3390, -7.5621, -1.1743
Hunter-Lab	82.2800, -9.1447, 12.0423

Details

The XYZ color **62.1573, 67.7000, 63.2174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3497, 58.0962, 73.8403**, and the grayscale version is **63.5220, 66.8301, 72.7779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8590, 35.0224, 31.4664** is the 20% darker color. If you saturate the color by 10%, you get **58.2139, 65.9379, 50.8897**, and if you desaturate by 10%, it is **66.5214, 69.6415, 77.4396**.

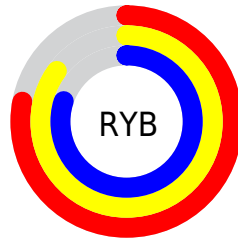
Distribution



Red (83%)

Green (85%)

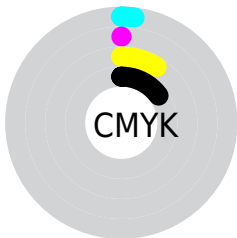
Blue (78%)



Red (78%)

Yellow (85%)

Blue (80%)

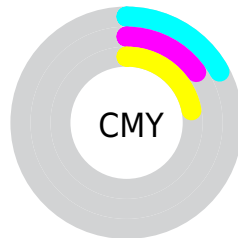


Cyan (2%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (17%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1573, 67.7000, 63.2174 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 62.1573, 67.7000, 63.2174 by changing the saturation by 10% instead.

■ 62.1573, 67.7000,
63.2174

■ 62.1573, 67.7000,
63.2174

422.2131,
452.4324, 454.4877

■ 45.4159, 49.6537,
45.5750

107.0415,
115.9229, 111.0717

■ 31.9878, 35.1383,
31.5643

135.9150,
146.8682, 142.1206

■ 21.5077, 23.7694,
20.7669

169.5632,
182.8821, 178.4755

■ 13.6102, 15.1627,
12.7641

208.3516,
224.3488, 220.5549

■ 7.9299, 8.9336,
7.1375

252.6454,
271.6528, 268.7772

■ 4.1016, 4.6979,
3.4685

302.8100,

■ 1.7598, 2.0711,

325.1785, 323.5611

1.3385

359.2108,
385.3102, 385.3251

■ 0.4932, 0.6483,
0.0931

■ 0.0000, 0.0000,
0.0000

■ 62.1573, 67.7000,
63.2174

■ 62.1573, 67.7000,
63.2174

■ 58.2139, 65.9379,
50.8897

■ 66.5214, 69.6415,
77.4396

■ 54.6698, 64.3400,
40.3722

■ 71.3156, 71.7597,
93.6270

■ 51.5101, 62.9024,
31.5806

■ 75.2232, 73.5301,
104.8358

■ 48.7165, 61.6178,
24.4224

■ 77.0783, 74.4864,
104.9226

■ 46.2693, 60.4782,
18.7962

■ 78.9940, 75.4740,
105.0122

■ 44.1464, 59.4747,
14.5896

■ 80.9708, 76.4931,
105.1048

■ 42.3229, 58.5973,
11.6747

■ 83.0093, 77.5440,
105.2002

■ 40.7695, 57.8341,
9.9003

■ 84.1042, 78.1084,
105.2514

■ 39.4411, 57.1671,
9.0330

Harmonies

Analogous

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



64.3558, 67.7000, 61.7017



62.1573, 67.7000, 63.2174



60.5777, 67.7000, 67.5087

Triad

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



62.1573, 67.7000, 63.2174



62.1421, 67.7000, 85.2837



68.8952, 67.7000, 73.7396

Complementary

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



62.1573, 67.7000, 63.2174



57.3497, 58.0962, 73.8403

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.



68.2691, 67.7000, 80.2879



62.1573, 67.7000, 63.2174



64.3378, 67.7000, 87.1917

Square

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



62.1573, 67.7000, 63.2174



60.5690, 67.7000, 80.2406



66.5872, 67.7000, 85.3121



68.2785, 67.7000, 67.5509

Rectangle

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



62.1573, 67.7000, 63.2174



60.0691, 67.7000, 71.5002



66.5872, 67.7000, 85.3121



68.8229, 67.7000, 75.9726

Sweetspot

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



62.1592, 67.7029, 63.2189



93.1053, 99.1370, 102.5073



60.1076, 61.4249, 62.1152



19.8192, 21.1709, 21.5844



0.0000, 0.0000, 0.0000



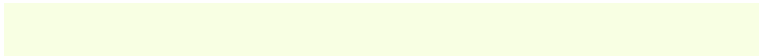
20.3446, 21.4041, 23.3091

Same Dimension

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



62.1592, 67.7029, 63.2189



88.1928, 96.9492, 86.7017



59.5687, 66.3675, 63.0976



13.8102, 15.0824, 13.9089



23.8834, 34.6098, 5.4216



1.6267, 2.2831, 0.3550

Inverse Universe

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



57.3497, 58.0962, 73.8403



79.5476, 79.6802, 105.7950



59.9443, 59.4338, 73.9617



12.6586, 12.7821, 16.4522



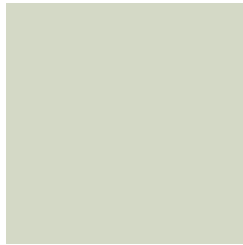
8.6931, 3.6056, 39.9762



0.6440, 0.2753, 2.5936

Previews

White Background



This preview shows how the XYZ color 62.1573, 67.7000, 63.2174 looks on a white background.

Color Contrast Check

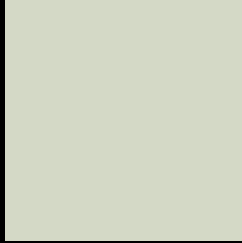
Large Text (above 18pt) WCAG AA × Fail

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 62.1573, 67.7000, 63.2174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

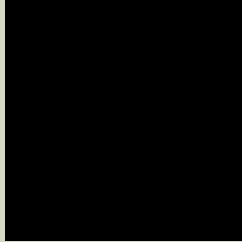
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

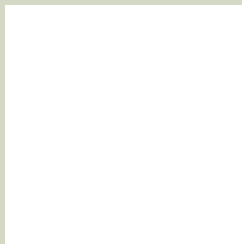
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1573, 67.7000, 63.2174

Background



This preview shows how black text looks on a background with the XYZ color 62.1573, 67.7000, 63.2174.



This preview shows how white text looks on a background with the XYZ color 62.1573, 67.7000,

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

62.1573, 67.7000, 63.2174

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

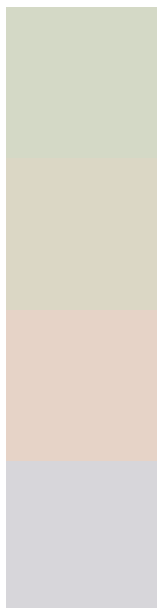
69.0138, 67.4966, 64.0343



Tritanopia

66.3016, 67.4958, 83.6623

Trichromacy



Original Color

62.1573, 67.7000, 63.2174

Protanomaly

63.5919, 67.6922, 62.5376

Deuteranomaly

66.2362, 67.5350, 63.5774

Tritanomaly

64.7258, 67.6022, 75.9668

Monochromacy



Original Color

62.1573, 67.7000, 63.2174

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8723, 66.7933, 69.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1573, 67.7000, 63.2174 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(212, 217, 198) looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 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(212, 217, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.1573, 67.7000, 63.2174 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(212, 217, 198) }
```


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

```
.border{ border-color:rgb(212, 217, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 217, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 217, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 217, 198); box-shadow:4px 4px 4px 4px rgb(212, 217, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1573, 67.7000, 63.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 198) }
```

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

```
.background{ background-color: rgb(212,  
217, 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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