

Converting Colors

XYZ(61.1274, 67.9128, 69.7776)

Have a look what the booklet for
XYZ(61.1274, 67.9128, 69.7776)
contains.

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Color

**XYZ(61.0738, 67.7737,
69.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	CADBBD0
RGB	202, 219, 208
RGB Percent	79%, 86%, 82%
CMY	0.2078, 0.1412, 0.1843
CMYK	0.08, 0.00, 0.05, 0.14
HSL	141°, 19%, 83%
HSV	141°, 8%, 86%
XYZ	61.0738, 67.7737, 69.5372
YIQ	212.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

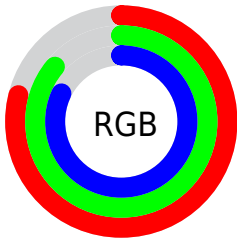
Format	Color
R_{YB}	202, 215, 219
Decimal	13294544
CIE Lab	85.89, -7.73, 3.45
CIE LCh	86, 8.466, 155.987
Yxy	67.7737, 0.3079, 0.3416
Android (android.graphics.Color)	4291484624 (0xFFCADBD0)
YUV	212.6630, -2.2989, -9.3515
Hunter-Lab	82.3248, -11.6456, 7.5469

Details

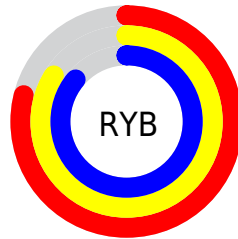
The XYZ color **61.0738, 67.7737, 69.5372** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3467, 62.1069, 71.6558**, and the grayscale version is **63.0404, 66.3234, 72.2262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3209, 35.1799, 35.7115** is the 20% darker color. If you saturate the color by 10%, you get **53.8972, 64.2685, 60.5028**, and if you desaturate by 10%, it is **69.2511, 71.7806, 79.4346**.

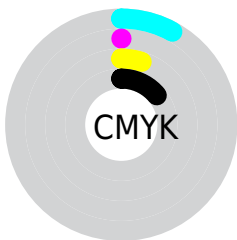
Distribution



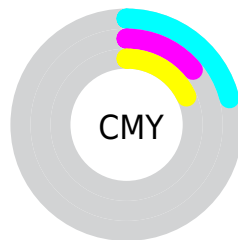
- Red (79%)
- Green (86%)
- Blue (82%)



- Red (79%)
- Yellow (84%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0738, 67.7737, 69.5372 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 61.0738, 67.7737, 69.5372 by changing the saturation by 10% instead.

■ 61.0738, 67.7737,
69.5372

■ 61.0738, 67.7737,
69.5372

418.3161,
452.6938, 477.6685

■ 44.5375, 49.7137,
50.6749

105.4833,
116.0283, 120.2235

■ 31.2930, 35.1859,
35.5750

134.0872,
146.9917, 152.8844

■ 20.9750, 23.8061,
23.8190

167.4443,
183.0250, 190.9821

■ 13.2181, 15.1899,
14.9885

205.9201,
224.5126, 234.9348

■ 7.6569, 8.9528,
8.6648

249.8798,
271.8389, 285.1613

■ 3.9262, 4.7104,
4.4294

299.6888,

■ 1.6604, 2.0784,

325.3882, 342.0801

1.8637

355.7124,
385.5451, 406.1096

■ 0.4313, 0.6524,
0.4695

■ 0.0000, 0.0000,
0.0000

■ 61.0738, 67.7737,
69.5372

■ 61.0738, 67.7737,
69.5372

■ 53.8972, 64.2685,
60.5028

■ 69.2511, 71.7806,
79.4346

■ 47.6761, 61.2365,
52.3040

■ 78.4603, 76.2991,
90.2128

■ 42.3707, 58.6594,
44.9182

■ 83.9096, 78.8604,
101.6685

■ 37.9357, 56.5145,
38.3203

■ 84.6228, 79.1457,
105.4243

■ 34.3219, 54.7769,
32.4836

■ 31.4751, 53.4194,
27.3803

■ 29.3343, 52.4109,
22.9805

■ 27.8280, 51.7153,
19.2522

■ 26.8588, 51.2832,
16.1601

Harmonies

Analogous

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



62.2528, 67.7737, 65.4940



61.0738, 67.7737, 69.5372



60.7827, 67.7737, 74.9123

Triad

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



61.0738, 67.7737, 69.5372



64.8062, 67.7737, 84.9207



67.4782, 67.7737, 67.7013

Complementary

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



61.0738, 67.7737, 69.5372



62.3467, 62.1069, 71.6558

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.



68.1931, 67.7737, 72.6870



61.0738, 67.7737, 69.5372



66.6306, 67.7737, 82.7672

Square

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



61.0738, 67.7737, 69.5372



62.9128, 67.7737, 83.9742



67.8798, 67.7737, 78.2212



65.9447, 67.7737, 64.4718

Rectangle

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



61.0738, 67.7737, 69.5372



61.1261, 67.7737, 78.5678



67.8798, 67.7737, 78.2212



67.8236, 67.7737, 69.2176

Sweetspot

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



61.0757, 67.7766, 69.5387



92.6716, 98.8348, 106.0388



63.4499, 69.0842, 65.8684



19.8605, 21.1669, 22.7268



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.



61.0757, 67.7766, 69.5387



84.8052, 94.9843, 96.4179



62.1439, 68.2039, 75.1636



13.0753, 14.6818, 14.8597



15.8678, 30.3797, 9.4692



1.0681, 1.9842, 0.8247

Inverse Universe

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



62.3467, 62.1069, 71.6558



86.8840, 85.7107, 99.8805



61.3012, 61.6887, 66.1506



13.4091, 13.1927, 15.4157



20.2586, 10.1045, 16.2735



1.3528, 0.6707, 1.2667

Previews

White Background



This preview shows how the XYZ color 61.0738, 67.7737, 69.5372 looks on a white background.

Color Contrast Check

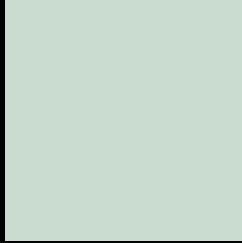
Large Text (above 18pt) WCAG AA × Fail

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 61.0738, 67.7737, 69.5372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

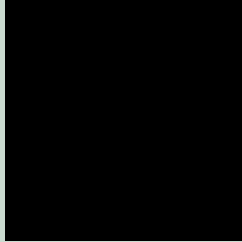
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

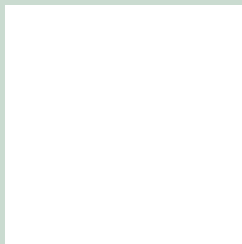
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0738, 67.7737, 69.5372

Background



This preview shows how black text looks on a background with the XYZ color 61.0738, 67.7737, 69.5372.

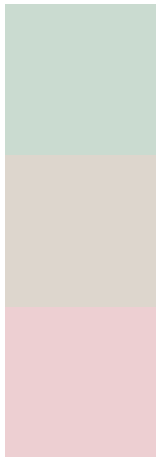


This preview shows how white text looks on a background with the XYZ color 61.0738, 67.7737,

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

61.0738, 67.7737, 69.5372

Protanopia

64.8848, 67.8731, 67.4386

Deuteranopia

68.8707, 67.2833, 70.3299



Tritanopia

64.3195, 67.5489, 85.9922

Trichromacy



Original Color

61.0738, 67.7737, 69.5372

Protanomaly

63.4280, 67.8641, 68.1486

Deuteranomaly

65.5434, 67.0393, 69.8070

Tritanomaly

63.0520, 67.4186, 79.5019

Monochromacy



Original Color

61.0738, 67.7737, 69.5372

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.3528, 66.8593, 71.2468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0738, 67.7737, 69.5372 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(202, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 208)  
}
```

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(202, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.0738, 67.7737, 69.5372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

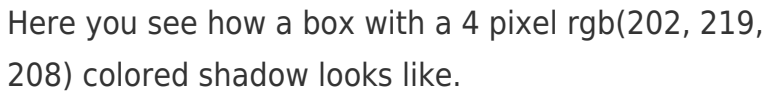
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 219, 208) }
```


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

```
.border{ border-color:rgb(202, 219, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 219, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 219, 208); box-shadow:4px 4px 4px 4px rgb(202, 219, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0738, 67.7737, 69.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 219, 208) }
```

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

```
.background{ background-color: rgb(202,  
219, 208) }
```

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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