

Converting Colors

XYZ(61.9286, 69.2107, 71.3848)

Have a look what the booklet for
XYZ(61.9286, 69.2107, 71.3848)
contains.

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Color

**XYZ(61.8415, 69.3132,
71.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DED2
RGB	201, 222, 210
RGB Percent	79%, 87%, 82%
CMY	0.2118, 0.1294, 0.1765
CMYK	0.09, 0.00, 0.05, 0.13
HSL	146°, 24%, 83%
HSV	146°, 9%, 87%
XYZ	61.8415, 69.3132, 71.0922
YIQ	214.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

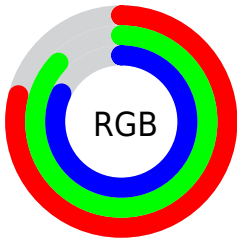
Format	Color
R_{YB}	201, 216, 222
Decimal	13229778
CIE Lab	86.66, -9.23, 3.49
CIE LCh	87, 9.871, 159.289
Yxy	69.3132, 0.3058, 0.3427
Android (android.graphics.Color)	4291419858 (0xFFC9DED2)
YUV	214.3530, -2.1460, -11.7106
Hunter-Lab	83.2545, -13.1056, 7.6496

Details

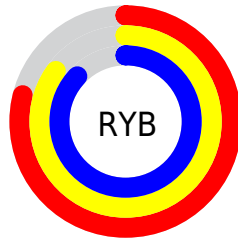
The XYZ color **61.8415, 69.3132, 71.0922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0235, 62.1087, 71.6204**, and the grayscale version is **64.1741, 67.5161, 73.5250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.8521, 36.2408, 36.7689** is the 20% darker color. If you saturate the color by 10%, you get **54.7811, 65.8509, 62.8356**, and if you desaturate by 10%, it is **69.8937, 73.2762, 80.0523**.

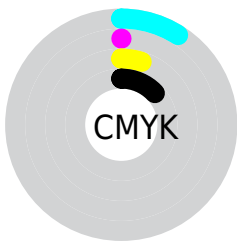
Distribution



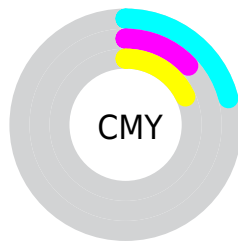
- Red (79%)
- Green (87%)
- Blue (82%)



- Red (79%)
- Yellow (85%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8415, 69.3132, 71.0922 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 61.8415, 69.3132, 71.0922 by changing the saturation by 10% instead.

■ 61.8415, 69.3132,
71.0922

■ 61.8415, 69.3132,
71.0922

421.0795,
458.1348, 483.2680

■ 45.1598, 50.9668,
51.9351

106.5877,
118.2288, 122.4607

■ 31.7851, 36.1822,
36.5715

135.3828,
149.5668, 155.5092

■ 21.3522, 24.5749,
24.5827

168.9464,
186.0042, 194.0253

■ 13.4956, 15.7607,
15.5503

207.6439,
227.9253, 238.4274

■ 7.8500, 9.3550,
9.0556

251.8406,
275.7145, 289.1343

■ 4.0501, 4.9734,
4.6801

301.9018,

■ 1.7305, 2.2317,

329.7562, 346.5643

2.0054

358.1930,
390.4349, 411.1360

■ 0.4753, 0.7372,
0.5586

■ 0.0000, 0.0000,
0.0000

■ 61.8415, 69.3132,
71.0922

■ 61.8415, 69.3132,
71.0922

■ 54.7811, 65.8509,
62.8356

■ 69.8937, 73.2762,
80.0523

■ 48.6670, 62.8602,
55.2610

■ 78.9692, 77.7501,
89.7278

■ 43.4586, 60.3227,
48.3523

■ 84.3158, 80.2865,
99.9116

■ 39.1100, 58.2150,
42.0912

■ 85.4126, 80.7252,
105.6875

■ 35.5713, 56.5118,
36.4582

■ 32.7870, 55.1847,
31.4332

■ 30.6942, 54.2019,
26.9947

■ 29.2188, 53.5256,
23.1196

■ 28.2404, 53.0941,
19.7817

Harmonies

Analogous

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



63.1274, 69.3132, 66.1132



61.8415, 69.3132, 71.0922



61.6240, 69.3132, 77.5269

Triad

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



61.8415, 69.3132, 71.0922



66.5944, 69.3132, 88.6302



69.3518, 69.3132, 67.7535

Complementary

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



61.8415, 69.3132, 71.0922



63.0235, 62.1087, 71.6204

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.



70.3278, 69.3132, 73.4504



61.8415, 69.3132, 71.0922



68.7117, 69.3132, 85.6710

Square

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



61.8415, 69.3132, 71.0922



64.3331, 69.3132, 87.9082



70.0908, 69.3132, 80.0245



67.4517, 69.3132, 64.2647

Rectangle

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



61.8415, 69.3132, 71.0922



62.1091, 69.3132, 81.8177



70.0908, 69.3132, 80.0245



69.8008, 69.3132, 69.4599

Sweetspot

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



61.8434, 69.3161, 71.0937



91.5953, 98.2995, 105.1058



64.1796, 70.6464, 65.5127



19.4121, 20.9452, 22.2832



0.0000, 0.0000, 0.0000



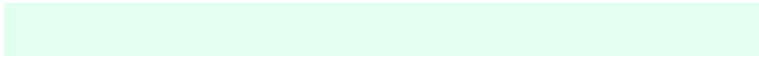
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8434, 69.3161, 71.0937



82.9983, 94.0730, 95.4214



63.1624, 69.8437, 78.0393



13.7714, 15.4343, 15.8312



16.7992, 31.5445, 11.9313



1.2086, 2.2042, 1.0597

Inverse Universe

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



63.0235, 62.1087, 71.6204



84.8701, 82.6407, 96.2565



61.7626, 61.6043, 64.9805



14.0338, 13.8312, 15.9483



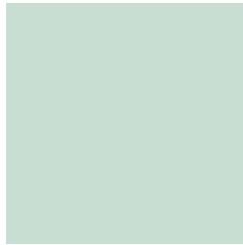
20.2203, 10.1551, 13.0919



1.4461, 0.7217, 1.1423

Previews

White Background



This preview shows how the XYZ color 61.8415, 69.3132, 71.0922 looks on a white background.

Color Contrast Check

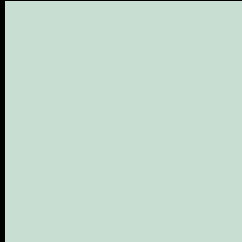
Large Text (above 18pt) WCAG AA × Fail

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 61.8415, 69.3132, 71.0922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

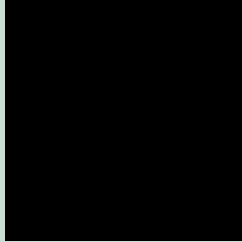
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

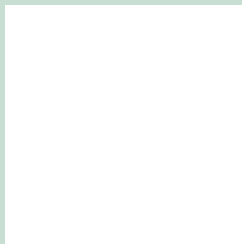
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8415, 69.3132, 71.0922

Background



This preview shows how black text looks on a background with the XYZ color 61.8415, 69.3132, 71.0922.

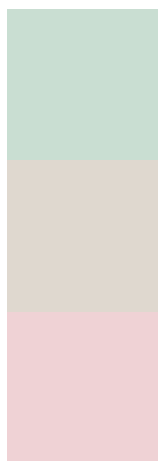


This preview shows how white text looks on a background with the XYZ color 61.8415, 69.3132,

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

61.8415, 69.3132, 71.0922

Protanopia

66.2498, 69.3047, 68.9169

Deuteranopia

70.6534, 69.2480, 72.5932



Tritanopia

65.3886, 69.1781, 89.2632

Trichromacy



Original Color

61.8415, 69.3132, 71.0922

Protanomaly

64.4809, 69.1439, 69.6221

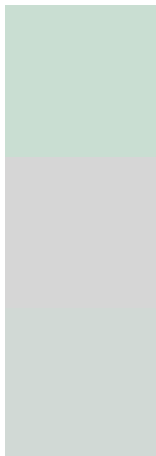
Deuteranomaly

66.9816, 68.8542, 72.0472

Tritanomaly

64.0985, 69.0465, 82.6220

Monochromacy



Original Color

61.8415, 69.3132, 71.0922

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.1176, 67.9851, 72.7466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8415, 69.3132, 71.0922 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(201, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(201, 222, 210)  
}
```

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(201, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 222, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.8415, 69.3132, 71.0922 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(201, 222, 210) }
```


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

```
.border{ border-color:rgb(201, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(201, 222,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8415, 69.3132, 71.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 222, 210) }
```

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

```
.background{ background-color: rgb(201,  
222, 210) }
```

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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