

Converting Colors

XYZ(61.3048, 71.9038, 62.1902)

Have a look what the booklet for
XYZ(61.3048, 71.9038, 62.1902)
contains.

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Color

**XYZ(61.4228, 72.1209,
62.3132)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E5C3
RGB	199, 229, 195
RGB Percent	78%, 90%, 76%
CMY	0.2196, 0.1019, 0.2353
CMYK	0.13, 0.00, 0.15, 0.10
HSL	113°, 40%, 83%
HSV	113°, 15%, 90%
XYZ	61.4228, 72.1209, 62.3132
YIQ	216.1540, -6.9660, -16.9340

Conversions

Conversions Part 2

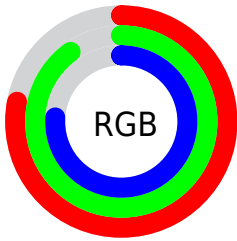
Format	Color
RYB	195, 229, 225
Decimal	13100483
CIELab	88.03, -16.11, 13.31
CIELCh	88, 20.895, 140.441
Yxy	72.1209, 0.3136, 0.3682
Android (android.graphics.Color)	4291290563 (0xFFC7E5C3)
YUV	216.1540, -10.4289, -15.0441
Hunter-Lab	84.9240, -19.5138, 15.9426

Details

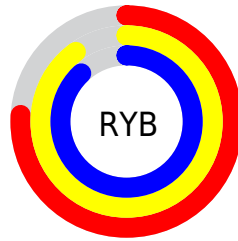
The XYZ color **61.4228, 72.1209, 62.3132** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.7124, 60.6970, 82.4376**, and the grayscale version is **65.4491, 68.8575, 74.9859**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **31.4283, 37.8300, 30.8448** is the 20% darker color. If you saturate the color by 10%, you get **54.0197, 68.5831, 49.4715**, and if you desaturate by 10%, it is **69.9390, 76.1908, 77.2828**.

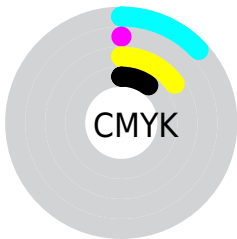
Distribution



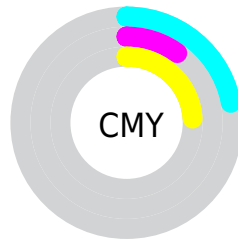
- Red (78%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4228, 72.1209, 62.3132 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 61.4228, 72.1209, 62.3132 by changing the saturation by 10% instead.

■ 61.4228, 72.1209,
62.3132

■ 61.4228, 72.1209,
62.3132

419.5737,
467.9623, 451.1118

■ 44.8203, 53.2574,
44.8484

105.9855,
122.2284, 109.7540

■ 31.5166, 38.0083,
30.9960

134.6765,
154.2412, 140.5672

■ 21.1463, 25.9892,
20.3373

168.1276,
191.4060, 176.6668

■ 13.3440, 16.8155,
12.4540

206.7043,
234.1071, 218.4715

■ 7.7445, 10.1031,
6.9274

250.7719,
282.7288, 266.3998

■ 3.9823, 5.4673,
3.3390

300.6958,

■ 1.6921, 2.5240,

337.6557, 320.8703

1.2702

356.8413,
399.2720, 382.3014

■ 0.4513, 0.8886,
0.0372

■ 0.0000, 0.0000,
0.0000

■ 61.4228, 72.1209,
62.3132

■ 61.4228, 72.1209,
62.3132

■ 54.0197, 68.5831,
49.4715

■ 69.9390, 76.1908,
77.2828

■ 47.6778, 65.5466,
38.6568

■ 79.6056, 80.8037,
94.4659

■ 42.3502, 62.9913,
29.7669

■ 87.3108, 84.5215,
106.3203

■ 37.9837, 60.8925,
22.6889

■ 34.5205, 59.2228,
17.2982

■ 31.8964, 57.9524,
13.4545

■ 30.0386, 57.0472,
10.9947

■ 28.8612, 56.4673,
9.7195

■ 28.4710, 56.2736,
9.3613

Harmonies

Analogous

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



65.2561, 72.1209, 55.5157



61.4228, 72.1209, 62.3132



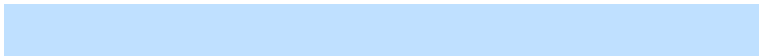
59.5264, 72.1209, 74.0574

Triad

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



61.4228, 72.1209, 62.3132



66.9697, 72.1209, 108.8196



77.9261, 72.1209, 69.3271

Complementary

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



61.4228, 72.1209, 62.3132



64.7124, 60.6970, 82.4376

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.



78.4396, 72.1209, 83.1737



61.4228, 72.1209, 62.3132



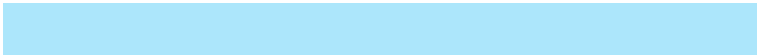
71.9503, 72.1209, 107.1538

Square

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



61.4228, 72.1209, 62.3132



62.6249, 72.1209, 101.6440



76.2056, 72.1209, 97.3353



74.8348, 72.1209, 59.2117

Rectangle

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



61.4228, 72.1209, 62.3132



59.5497, 72.1209, 83.6068



76.2056, 72.1209, 97.3353



78.4116, 72.1209, 73.6580

Sweetspot

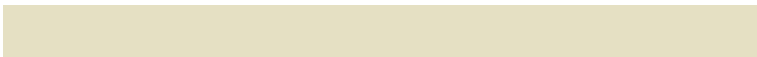
The Sweet Spot groups the original color and five complimentary colors.



61.4248, 72.1240, 62.3148



90.2168, 97.6931, 100.3279



68.9479, 74.1642, 62.3121



19.1213, 20.8202, 21.1403



0.0000, 0.0000, 0.0000



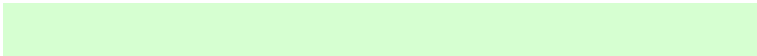
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4248, 72.1240, 62.3148



75.1582, 90.4996, 73.8935



61.8470, 72.1719, 70.0040



14.3460, 16.1699, 15.2694



16.3292, 32.1995, 5.3545



1.2589, 2.4064, 0.3981

Inverse Universe

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



64.7124, 60.6970, 82.4376



80.1568, 73.1205, 104.4967



64.2946, 60.6757, 73.6535



14.8195, 14.5247, 18.1668



22.0899, 10.4537, 43.2367



1.6798, 0.7969, 3.1973

Previews

White Background



This preview shows how the XYZ color 61.4228, 72.1209, 62.3132 looks on a white background.

Color Contrast Check

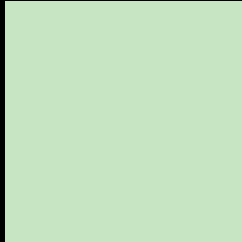
Large Text (above 18pt) WCAG AA × Fail

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 61.4228, 72.1209, 62.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

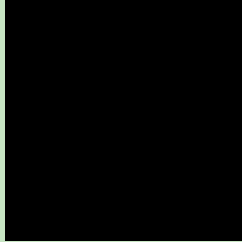
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

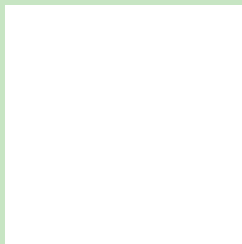
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4228, 72.1209, 62.3132

Background



This preview shows how black text looks on a background with the XYZ color 61.4228, 72.1209, 62.3132.

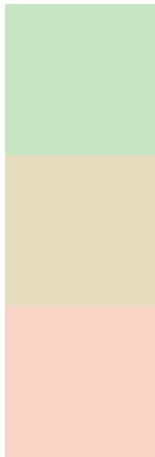


This preview shows how white text looks on a background with the XYZ color 61.4228, 72.1209,

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

61.4228, 72.1209, 62.3132

Protanopia

67.8425, 71.8930, 59.0163

Deuteranopia

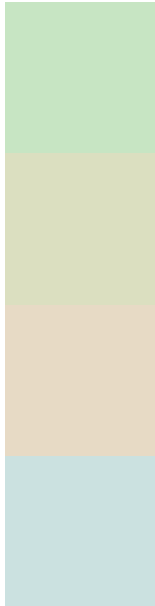
73.1609, 71.4882, 63.3687



Tritanopia

67.5695, 72.1884, 92.8105

Trichromacy



Original Color

61.4228, 72.1209, 62.3132

Protanomaly

65.1155, 71.6412, 60.2654

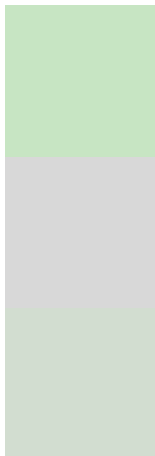
Deuteranomaly

68.1044, 71.1629, 62.9697

Tritanomaly

65.0084, 71.9288, 80.9783

Monochromacy



Original Color

61.4228, 72.1209, 62.3132

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8200, 69.9686, 69.8161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4228, 72.1209, 62.3132 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(199, 229, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 229, 195)  
}
```

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(199, 229, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 229, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.4228, 72.1209, 62.3132 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(199, 229, 195) }
```


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

```
.border{ border-color:rgb(199, 229, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 229, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 229, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 229, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 229,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4228, 72.1209, 62.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 229, 195) }
```

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

```
.background{ background-color: rgb(199,  
229, 195) }
```

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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