

Converting Colors

XYZ(61.8589, 71.5619, 72.6279)

Have a look what the booklet for
XYZ(61.8589, 71.5619, 72.6279)
contains.

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Color

**XYZ(61.8752, 71.7096,
72.8675)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E4D4
RGB	194, 228, 212
RGB Percent	76%, 89%, 83%
CMY	0.2392, 0.1059, 0.1686
CMYK	0.15, 0.00, 0.07, 0.11
HSL	152°, 39%, 83%
HSV	152°, 15%, 89%
XYZ	61.8752, 71.7096, 72.8675
YIQ	216.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

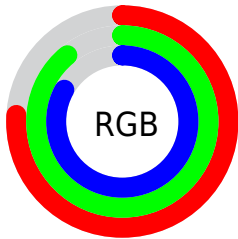
Format	Color
RYB	194, 216, 228
Decimal	12772564
CIELab	87.83, -14.20, 4.08
CIELCh	88, 14.770, 163.983
Yxy	71.7096, 0.2997, 0.3473
Android (android.graphics.Color)	4290962644 (0xFFC2E4D4)
YUV	216.0100, -1.9769, -19.3028
Hunter-Lab	84.6815, -17.7661, 8.2587

Details

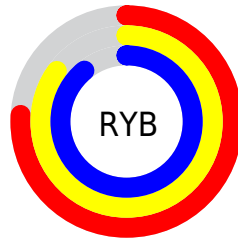
The XYZ color **61.8752, 71.7096, 72.8675** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9221, 59.7325, 69.1892**, and the grayscale version is **65.2991, 68.6998, 74.8140**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.8446, 37.8969, 37.5347** is the 20% darker color. If you saturate the color by 10%, you get **55.1577, 68.3999, 65.7209**, and if you desaturate by 10%, it is **69.5845, 75.5242, 80.5332**.

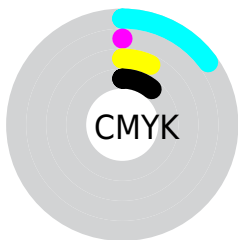
Distribution



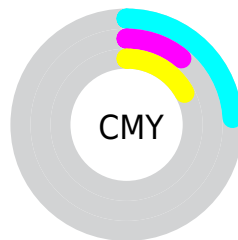
- Red (76%)
- Green (89%)
- Blue (83%)



- Red (76%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8752, 71.7096, 72.8675 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 61.8752, 71.7096, 72.8675 by changing the saturation by 10% instead.

61.8752, 71.7096,
72.8675

61.8752, 71.7096,
72.8675

421.2005,
466.5302, 489.6139

45.1871, 52.9215,
53.3765

106.6361,
121.6436, 125.0083

31.8067, 37.7401,
37.7136

135.4396,
153.5582, 158.4951

21.3687, 25.7810,
25.4604

169.0122,
190.6172, 197.4842

13.5078, 16.6599,
16.1982

207.7194,
233.2048, 242.3942

7.8585, 9.9923,
9.5087

251.9265,
281.7055, 293.6437

4.0556, 5.3939,
4.9731

301.9988,

1.7336, 2.4802,

336.5037, 351.6511

2.1730

358.3017,
397.9838, 416.8350

■ 0.4772, 0.8667,
0.6587

■ 0.0000, 0.0000,
0.0000

■ 61.8752, 71.7096,
72.8675

■ 61.8752, 71.7096,
72.8675

■ 55.1577, 68.3999,
65.7209

■ 69.5845, 75.5242,
80.5332

■ 49.3835, 65.5642,
59.0776

■ 78.3195, 79.8550,
88.7239

■ 44.5089, 63.1823,
52.9277

■ 85.3434, 83.2930,
97.3216

■ 40.4841, 61.2288,
47.2593

■ 87.0227, 83.9647,
106.1646

■ 37.2545, 59.6755,
42.0598

■ 87.0347, 83.9695,
106.2282

■ 34.7584, 58.4912,
37.3161

■ 32.9248, 57.6393,
33.0142

■ 31.6667, 57.0752,
29.1388

■ 31.1774, 56.8625,
27.3241

Harmonies

Analogous

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



63.5782, 71.7096, 64.9827



61.8752, 71.7096, 72.8675



61.8171, 71.7096, 82.8432

Triad

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



61.8752, 71.7096, 72.8675



69.8014, 71.7096, 98.3746



73.1297, 71.7096, 65.4128

Complementary

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



61.8752, 71.7096, 72.8675



62.9221, 59.7325, 69.1892

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.



74.9180, 71.7096, 73.5022



61.8752, 71.7096, 72.8675



72.9523, 71.7096, 92.8276

Square

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



61.8752, 71.7096, 72.8675



66.3128, 71.7096, 98.1676



74.8520, 71.7096, 83.5344



70.0368, 71.7096, 60.9378

Rectangle

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



61.8752, 71.7096, 72.8675



62.7140, 71.7096, 89.3877



74.8520, 71.7096, 83.5344



73.9079, 71.7096, 67.7677

Sweetspot

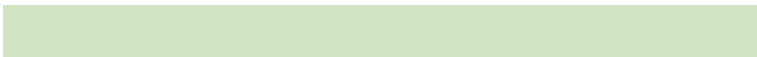
The Sweet Spot groups the original color and five complimentary colors.



61.8772, 71.7126, 72.8691



90.6331, 97.8112, 104.7091



64.1854, 73.1504, 61.7765



19.2266, 20.8501, 22.2460



0.0000, 0.0000, 0.0000



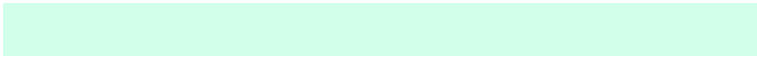
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8772, 71.7126, 72.8691



76.8477, 90.9958, 90.9026



63.8419, 72.2495, 83.9831



14.5065, 16.2160, 16.9322



18.0625, 32.8571, 16.0956



1.3816, 2.4468, 1.4362

Inverse Universe

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



62.9221, 59.7325, 69.1892



78.4468, 72.6627, 85.2718



61.1528, 59.2270, 59.2488



14.6579, 14.4804, 16.3990



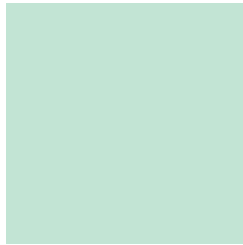
20.0756, 10.1645, 9.2932



1.5301, 0.7698, 0.9322

Previews

White Background



This preview shows how the XYZ color 61.8752, 71.7096, 72.8675 looks on a white background.

Color Contrast Check

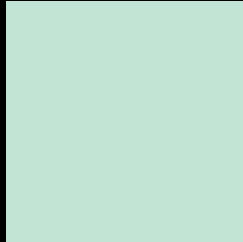
Large Text (above 18pt) WCAG AA × Fail

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 61.8752, 71.7096, 72.8675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

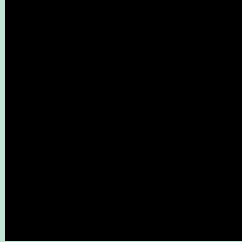
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

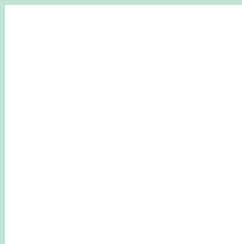
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8752, 71.7096, 72.8675

Background



This preview shows how black text looks on a background with the XYZ color 61.8752, 71.7096, 72.8675.



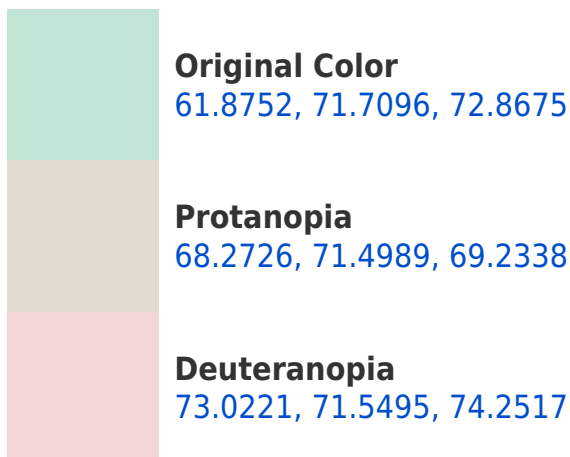
This preview shows how white text looks on a background with the XYZ color 61.8752, 71.7096,

72.8675.

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

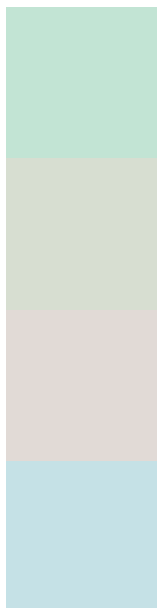




Tritanopia

66.0860, 71.8043, 93.5956

Trichromacy



Original Color

61.8752, 71.7096, 72.8675

Protanomaly

65.6542, 71.2931, 70.6222

Deuteranomaly

68.2603, 71.0054, 73.7260

Tritanomaly

64.2341, 71.4339, 85.2655

Monochromacy



Original Color

61.8752, 71.7096, 72.8675

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8714, 69.5026, 74.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8752, 71.7096, 72.8675 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(194, 228, 212)` looks like.

```
.text, #text, p{  
    color:rgb(194, 228, 212)  
}
```

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(194, 228, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 228, 212) }
```

Border

The CSS property to change the border of an element to XYZ 61.8752, 71.7096, 72.8675 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(194, 228, 212) }
```


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

```
.border{ border-color:rgb(194, 228, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 228, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 228, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 228, 212); box-shadow:4px 4px 4px 4px rgb(194, 228, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8752, 71.7096, 72.8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 228, 212) }
```

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

```
.background{ background-color: rgb(194,  
228, 212) }
```

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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