

Converting Colors

XYZ(61.8666, 73.1470, 67.4960)

Have a look what the booklet for
XYZ(61.8666, 73.1470, 67.4960)
contains.

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Color

**XYZ(61.8611, 73.0657,
67.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E7CB
RGB	195, 231, 203
RGB Percent	76%, 91%, 80%
CMY	0.2353, 0.0941, 0.2039
CMYK	0.16, 0.00, 0.12, 0.09
HSL	133°, 43%, 84%
HSV	133°, 16%, 91%
XYZ	61.8611, 73.0657, 67.3426
YIQ	217.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

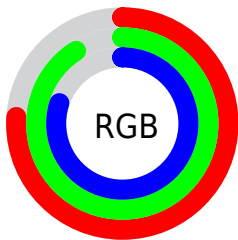
Format	Color
RYB	195, 224, 231
Decimal	12838859
CIELab	88.48, -17.03, 9.73
CIELCh	88, 19.619, 150.251
Yxy	73.0657, 0.3058, 0.3612
Android (android.graphics.Color)	4291028939 (0xFFC3E7CB)
YUV	217.0440, -6.9237, -19.3326
Hunter-Lab	85.4785, -20.4062, 13.1244

Details

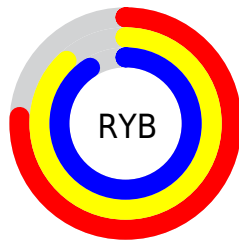
The XYZ color **61.8611, 73.0657, 67.3426** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.7920, 61.3487, 78.1892**, and the grayscale version is **66.0372, 69.4763, 75.6597**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.7393, 38.4926, 34.1907** is the 20% darker color. If you saturate the color by 10%, you get **54.3295, 69.4183, 56.4536**, and if you desaturate by 10%, it is **70.5683, 77.2946, 79.5851**.

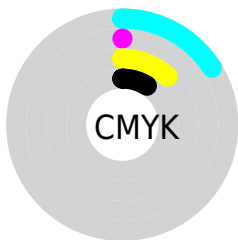
Distribution



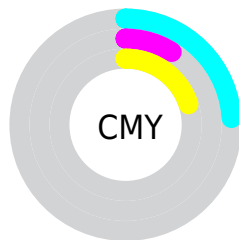
- Red (76%)
- Green (91%)
- Blue (80%)



- Red (76%)
- Yellow (88%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8611, 73.0657, 67.3426 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 61.8611, 73.0657, 67.3426 by changing the saturation by 10% instead.

61.8611, 73.0657,
67.3426

61.8611, 73.0657,
67.3426

421.1499,
471.2425, 469.6979

45.1757, 54.0297,
48.8998

106.6158,
123.5705, 117.0565

31.7977, 38.6254,
34.1749

135.4158,
155.8080, 149.1646

21.3618, 26.4684,
22.7496

168.9847,
193.2149, 186.6649

13.5027, 17.1744,
14.2051

207.6878,
236.1754, 229.9759

7.8550, 10.3589,
8.1231

251.8905,
285.0741, 279.5162

4.0533, 5.6376,
4.0849


301.9582,

1.7323, 2.6260,


340.2952, 335.7043


1.6720


358.2562,
402.2232, 398.9587


 0.4764, 0.9397,
0.3415


 0.0000, 0.0000,
0.0000

 61.8611, 73.0657,
67.3426


 61.8611, 73.0657,
67.3426

 54.3295, 69.4183,
56.4536


 70.5683, 77.2946,
79.5851

 47.9166, 66.3179,
46.8669

 80.4928, 82.1193,
93.2205

 42.5701, 63.7406,
38.5350

 87.8673, 85.6346,
106.5058

 38.2307, 61.6568,
31.4057

■ 34.8334, 60.0343,
25.4234

■ 32.3051, 58.8367,
20.5276

■ 30.5618, 58.0219,
16.6524

■ 29.5012, 57.5389,
13.7247

■ 29.1822, 57.3965,
12.7110

Harmonies

Analogous

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



64.9740, 73.0657, 59.1485



61.8611, 73.0657, 67.3426



60.7604, 73.0657, 79.6700

Triad

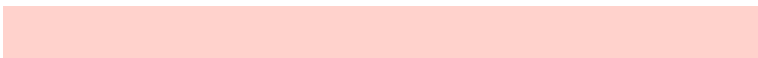
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8611, 73.0657, 67.3426



69.4865, 73.0657, 108.4828



77.5857, 73.0657, 67.1664

Complementary

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



61.8611, 73.0657, 67.3426



65.7920, 61.3487, 78.1892

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.



78.9239, 73.0657, 79.4424



61.8611, 73.0657, 67.3426



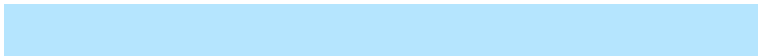
74.1203, 73.0657, 104.1886

Square

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



61.8611, 73.0657, 67.3426



65.0398, 73.0657, 104.3248



77.6285, 73.0657, 93.1637



74.0484, 73.0657, 59.0552

Rectangle

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



61.8611, 73.0657, 67.3426



61.2749, 73.0657, 88.8966



77.6285, 73.0657, 93.1637



78.3146, 73.0657, 70.8940

Sweetspot

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



61.8631, 73.0688, 67.3442



88.9580, 97.0392, 100.4946



68.9222, 76.8152, 62.8250



18.8641, 20.6846, 21.2647



0.0000, 0.0000, 0.0000



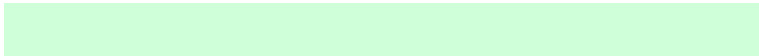
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8631, 73.0688, 67.3442



73.9321, 89.7469, 79.2876



64.1084, 73.9669, 79.1679



14.3198, 16.1413, 15.9488



16.3974, 32.1911, 7.3269



1.2462, 2.3926, 0.7229

Inverse Universe

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



65.7920, 61.3487, 78.1892



79.8087, 72.2138, 95.5067



63.5160, 60.4383, 66.2040



14.8508, 14.5575, 17.4149



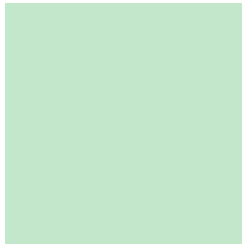
23.1233, 11.3835, 25.3418



1.7426, 0.8548, 2.0511

Previews

White Background



This preview shows how the XYZ color 61.8611, 73.0657, 67.3426 looks on a white background.

Color Contrast Check

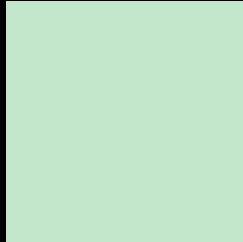
Large Text (above 18pt) WCAG AA × Fail

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 61.8611, 73.0657, 67.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

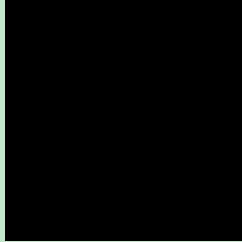
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

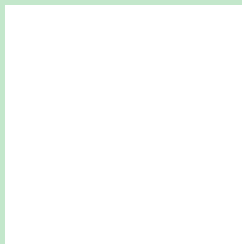
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8611, 73.0657, 67.3426

Background



This preview shows how black text looks on a background with the XYZ color 61.8611, 73.0657, 67.3426.



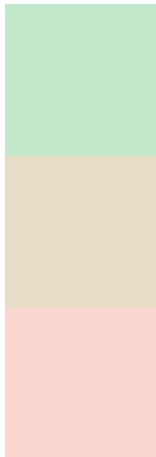
This preview shows how white text looks on a background with the XYZ color 61.8611, 73.0657,

67.3426.

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

61.8611, 73.0657, 67.3426

Protanopia

69.0045, 72.7790, 63.8369

Deuteranopia

74.2541, 72.6891, 68.5093



Tritanopia

67.4600, 72.8780, 95.3054

Trichromacy



Original Color

61.8611, 73.0657, 67.3426

Protanomaly

66.2640, 72.9260, 65.2272

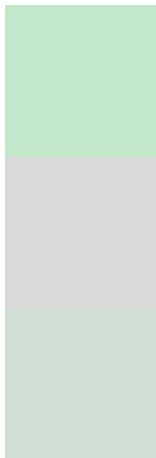
Deuteranomaly

68.9257, 72.2522, 68.0709

Tritanomaly

65.0259, 72.6817, 84.0005

Monochromacy



Original Color

61.8611, 73.0657, 67.3426

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.2994, 70.5513, 72.5162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8611, 73.0657, 67.3426 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(195, 231, 203)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 203)  
}
```

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(195, 231, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 203) }
```

Border

The CSS property to change the border of an element to XYZ 61.8611, 73.0657, 67.3426 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(195, 231, 203) }
```


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

```
.border{ border-color:rgb(195, 231, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 231, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 231, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 231, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 231,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8611, 73.0657, 67.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 203) }
```

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

```
.background{ background-color: rgb(195,  
231, 203) }
```

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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