

Converting Colors

XYZ(61.6011, 72.5054, 58.4326)

Have a look what the booklet for
XYZ(61.6011, 72.5054, 58.4326)
contains.

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Color

**XYZ(61.7310, 72.7810,
58.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE6BC
RGB	202, 230, 188
RGB Percent	79%, 90%, 74%
CMY	0.2078, 0.0980, 0.2627
CMYK	0.12, 0.00, 0.18, 0.10
HSL	100°, 46%, 82%
HSV	100°, 18%, 90%
XYZ	61.7310, 72.7810, 58.3715
YIQ	216.8400, -3.2060, -18.9980

Conversions

Conversions Part 2

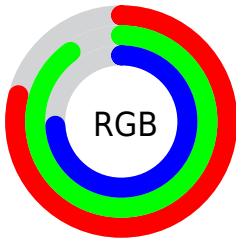
Format	Color
RYB	188, 230, 216
Decimal	13297340
CIELab	88.34, -16.75, 17.43
CIELCh	88, 24.175, 133.861
Yxy	72.7810, 0.3200, 0.3773
Android (android.graphics.Color)	4291487420 (0xFFCAE6BC)
YUV	216.8400, -14.2181, -13.0147
Hunter-Lab	85.3118, -20.1343, 19.1512

Details

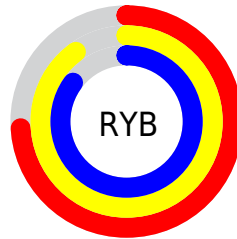
The XYZ color **61.7310, 72.7810, 58.3715** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5880, 56.2806, 82.5367**, and the grayscale version is **65.9412, 69.3753, 75.5497**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **31.7220, 38.3173, 28.6457** is the 20% darker color. If you saturate the color by 10%, you get **55.5018, 69.8359, 46.1524**, and if you desaturate by 10%, it is **68.7716, 76.1030, 72.6943**.

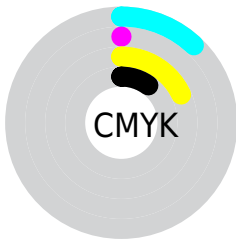
Distribution



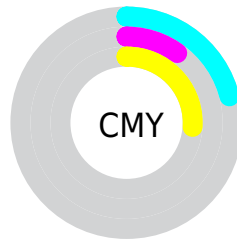
- Red (79%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7310, 72.7810, 58.3715 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 61.7310, 72.7810, 58.3715 by changing the saturation by 10% instead.

61.7310, 72.7810,
58.3715

61.7310, 72.7810,
58.3715

420.6824,
470.2554, 436.2057

45.0702, 53.7969,
41.6907

106.4288,
123.1663, 103.9838

31.7142, 38.4393,
28.5354

135.1964,
155.3362, 133.7523

21.2978, 26.3238,
18.4871

168.7304,
192.6703, 168.7206

13.4555, 17.0661,
11.1272

207.3960,
235.5528, 209.3070

7.8221, 10.2816,
6.0372

251.5587,
284.3681, 255.9302

4.0322, 5.5861,
2.7986


301.5838,

1.7204, 2.5951,


339.5008, 309.0087


0.9927


357.8365,
401.3351, 368.9610

 0.4690, 0.9242,
0.0000


 0.0000, 0.0000,
0.0000


 61.7310, 72.7810,
58.3715

 61.7310, 72.7810,
58.3715


 55.5018, 69.8359,
46.1524


 68.7716, 76.1030,
72.6943


 50.0477, 67.2447,
35.9333

 76.6468, 79.8055,
89.2084

 45.3377, 64.9960,
27.6088

 85.0616, 83.7740,
106.2945

 41.3366, 63.0742,
21.0621

 87.5883, 85.0765,
106.4128

■ 38.0061, 61.4622,
16.1635

■ 35.3034, 60.1413,
12.7652

■ 33.1799, 59.0902,
10.6936

■ 31.5715, 58.2814,
9.7003

■ 31.3312, 58.1601,
9.5747

Harmonies

Analogous

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



66.5380, 72.7810, 52.1001



61.7310, 72.7810, 58.3715



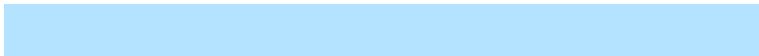
59.0045, 72.7810, 70.6937

Triad

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



61.7310, 72.7810, 58.3715



66.1216, 72.7810, 114.0659



80.5813, 72.7810, 71.8362

Complementary

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



61.7310, 72.7810, 58.3715



60.5880, 56.2806, 82.5367

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.



80.4543, 72.7810, 88.4620



61.7310, 72.7810, 58.3715



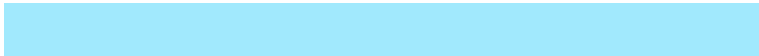
71.8832, 72.7810, 114.4854

Square

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



61.7310, 72.7810, 58.3715



61.4409, 72.7810, 103.5080



77.1971, 72.7810, 104.5843



77.5348, 72.7810, 59.1068

Rectangle

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



61.7310, 72.7810, 58.3715



58.6327, 72.7810, 81.4171



77.1971, 72.7810, 104.5843



80.9134, 72.7810, 77.1141

Sweetspot

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



61.7329, 72.7841, 58.3731



90.0060, 97.6291, 98.3019



66.2690, 69.5686, 57.5133



19.1179, 20.8275, 20.7341



0.0000, 0.0000, 0.0000



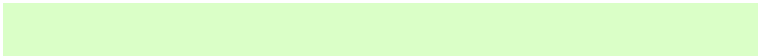
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7329, 72.7841, 58.3731



74.8503, 90.4823, 67.4918



58.8884, 71.2284, 62.2759



14.6396, 16.3213, 15.2832



17.8530, 32.9850, 5.4258



1.4149, 2.4868, 0.4054

Inverse Universe

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



60.5880, 56.2806, 82.5367



73.1431, 65.9056, 103.4737



63.9383, 58.1191, 77.6635



14.5040, 14.3620, 18.1520



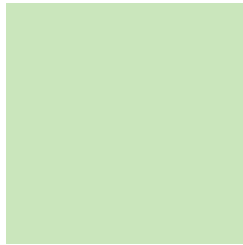
15.6951, 7.1570, 42.9374



1.2573, 0.5791, 3.1775

Previews

White Background



This preview shows how the XYZ color 61.7310, 72.7810, 58.3715 looks on a white background.

Color Contrast Check

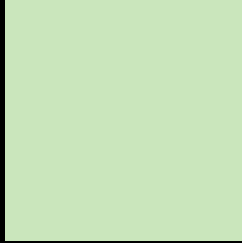
Large Text (above 18pt) WCAG AA × Fail

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 61.7310, 72.7810, 58.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

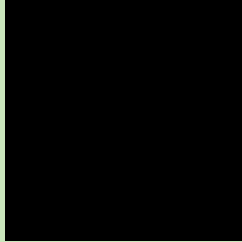
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7310, 72.7810, 58.3715

Background



This preview shows how black text looks on a background with the XYZ color 61.7310, 72.7810, 58.3715.

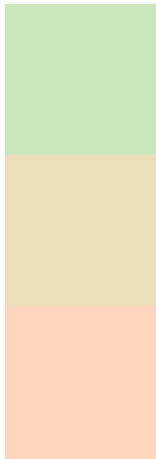


This preview shows how white text looks on a background with the XYZ color 61.7310, 72.7810,

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

61.7310, 72.7810, 58.3715

Protanopia

68.3354, 72.6242, 55.2160

Deuteranopia

73.7062, 72.2327, 59.3478



Tritanopia

68.6942, 72.7683, 92.8632

Trichromacy



Original Color

61.7310, 72.7810, 58.3715

Protanomaly

65.5368, 72.3437, 56.4085

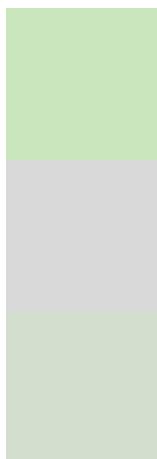
Deuteranomaly

68.5575, 71.8732, 58.9747

Tritanomaly

65.9796, 72.8786, 78.9961

Monochromacy



Original Color

61.7310, 72.7810, 58.3715

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.4132, 70.6958, 68.6432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7310, 72.7810, 58.3715 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, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 188)  
}
```

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, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.7310, 72.7810, 58.3715 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, 230, 188) }
```


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

```
.border{ border-color:rgb(202, 230, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 230, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 230, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 230, 188); box-shadow:4px 4px 4px 4px rgb(202, 230, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7310, 72.7810, 58.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 188) }
```

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

```
.background{ background-color: rgb(202,  
230, 188) }
```

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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