

Converting Colors

XYZ(61.8402, 73.2122, 52.1588)

Have a look what the booklet for
XYZ(61.8402, 73.2122, 52.1588)
contains.

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Color

**XYZ(61.8660, 73.4082,
51.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE7B0
RGB	206, 231, 176
RGB Percent	81%, 91%, 69%
CMY	0.1922, 0.0941, 0.3098
CMYK	0.11, 0.00, 0.24, 0.09
HSL	87°, 53%, 80%
HSV	87°, 24%, 91%
XYZ	61.8660, 73.4082, 51.9828
YIQ	217.2550, 2.7550, -22.4050

Conversions

Conversions Part 2

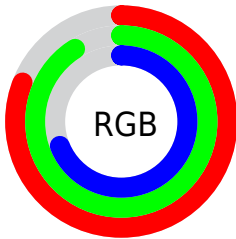
Format	Color
RYB	176, 231, 201
Decimal	13559728
CIELab	88.64, -17.72, 24.10
CIELCh	89, 29.919, 126.328
Yxy	73.4082, 0.3304, 0.3920
Android (android.graphics.Color)	4291749808 (0xFFCEE7B0)
YUV	217.2550, -20.3387, -9.8706
Hunter-Lab	85.6786, -21.0479, 24.0027

Details

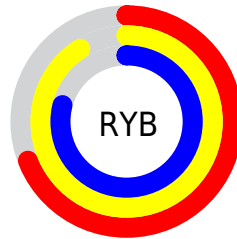
The XYZ color **61.8660, 73.4082, 51.9828** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.0394, 49.2397, 82.2613**, and the grayscale version is **66.2637, 69.7146, 75.9192**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **31.6676, 38.6693, 24.5338** is the 20% darker color. If you saturate the color by 10%, you get **56.9540, 71.1202, 40.8201**, and if you desaturate by 10%, it is **67.3657, 75.9586, 65.2062**.

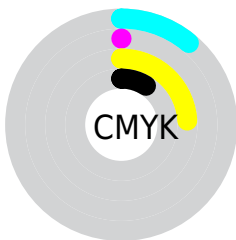
Distribution



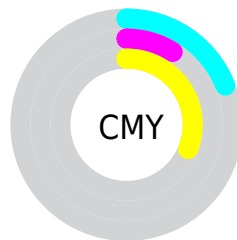
- Red (81%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)





- Cyan (19%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8660, 73.4082, 51.9828 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 61.8660, 73.4082, 51.9828 by changing the saturation by 10% instead.


 61.8660, 73.4082,
51.9828

 61.8660, 73.4082,
51.9828


421.1675,
472.4283, 411.3253

 45.1796, 54.3098,
36.6092


 106.6229,
124.0565, 94.5322

 31.8008, 38.8494,
24.6117


135.4241,
156.3753, 122.5451

 21.3642, 26.6426,
15.5716


168.9943,
193.8696, 155.6082

 13.5045, 17.3050,
9.0705

207.6988,
236.9238, 194.1400

 7.8562, 10.4522,
4.6897

251.9030,
285.9224, 238.5590

 4.0541, 5.6998,
2.0109

301.9723,

 1.7328, 2.6634,

341.2498, 289.2839

0.5619

358.2720,
403.2903, 346.7332

0.4767, 0.9586,
0.0000

0.0000, 0.0000,
0.0000

61.8660, 73.4082,
51.9828

61.8660, 73.4082,
51.9828

56.9540, 71.1202,
40.8201

67.3657, 75.9586,
65.2062

52.6004, 69.0752,
31.6096

73.4692, 78.7711,
80.5822

48.7819, 67.2658,
24.2400

80.1992, 81.8576,
98.2026

45.4708, 65.6806,
18.5866

85.3412, 84.3325,
106.3876

■ 42.6365, 64.3068,
14.5098

■ 87.8674, 85.6348,
106.5058

■ 40.2439, 63.1298,
11.8475

■ 38.2513, 62.1325,
10.4029

■ 37.1802, 61.5897,
9.9284

Harmonies

Analogous

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



68.2531, 73.4082, 46.5633



61.8660, 73.4082, 51.9828



57.8129, 73.4082, 65.0031

Triad

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



61.8660, 73.4082, 51.9828



64.3448, 73.4082, 122.1586



84.5020, 73.4082, 75.6259

Complementary

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



61.8660, 73.4082, 51.9828



54.0394, 49.2397, 82.2613

Split Complementary

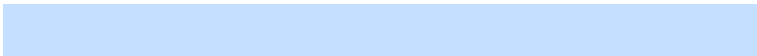
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2767, 73.4082, 96.9810



61.8660, 73.4082, 51.9828



71.3139, 73.4082, 126.3229

Square

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



61.8660, 73.4082, 51.9828



59.1735, 73.4082, 105.8756



78.3250, 73.4082, 116.4352



81.5666, 73.4082, 58.6109

Rectangle

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



61.8660, 73.4082, 51.9828



56.8133, 73.4082, 77.4093



78.3250, 73.4082, 116.4352



84.5658, 73.4082, 82.5029

Sweetspot

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



61.8679, 73.4114, 51.9844



89.3854, 97.3965, 94.3240



61.6226, 61.7829, 49.7528



19.0315, 20.8005, 19.9341



0.0000, 0.0000, 0.0000



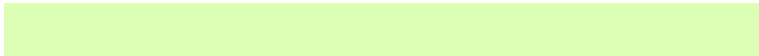
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8679, 73.4114, 51.9844



74.0410, 90.2905, 57.2684



54.9473, 69.8437, 51.6605



14.9368, 16.4745, 15.2971



20.9877, 34.6010, 5.5725



1.6577, 2.6119, 0.4168

Inverse Universe

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



54.0394, 49.2397, 82.2613



62.5109, 54.6849, 101.8683



62.0262, 53.3570, 82.6350



14.2021, 14.2064, 18.1379



11.4920, 4.9903, 42.7407



0.9551, 0.4234, 3.1633

Previews

White Background



This preview shows how the XYZ color 61.8660, 73.4082, 51.9828 looks on a white background.

Color Contrast Check

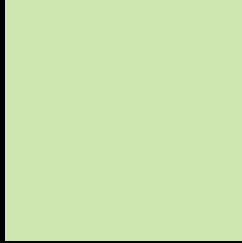
Large Text (above 18pt) WCAG AA × Fail

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 61.8660, 73.4082, 51.9828 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

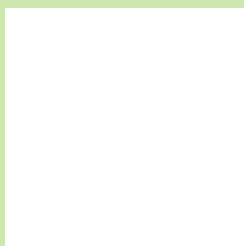
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8660, 73.4082, 51.9828

Background



This preview shows how black text looks on a background with the XYZ color 61.8660, 73.4082, 51.9828.

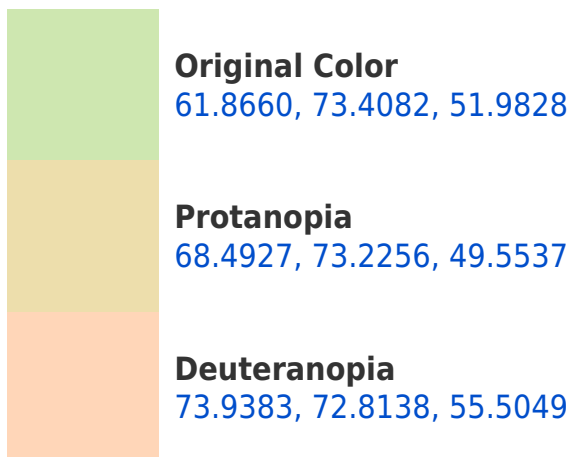


This preview shows how white text looks on a background with the XYZ color 61.8660, 73.4082,

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

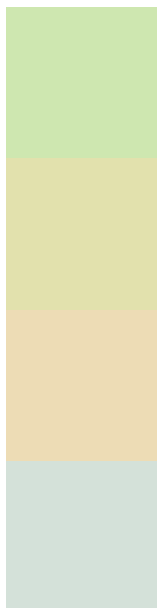




Tritanopia

69.8738, 72.9809, 92.8421

Trichromacy



Original Color

61.8660, 73.4082, 51.9828

Protanomaly

65.8321, 73.0363, 50.1629

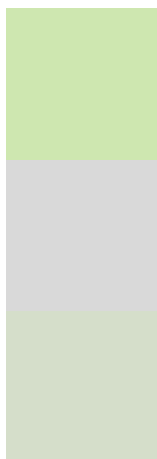
Deuteranomaly

68.8587, 72.5271, 54.0860

Tritanomaly

66.6010, 72.8572, 76.1982

Monochromacy



Original Color

61.8660, 73.4082, 51.9828

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.2225, 70.6530, 66.1296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8660, 73.4082, 51.9828 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(206, 231, 176)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 176)  
}
```

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(206, 231, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.8660, 73.4082, 51.9828 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(206, 231, 176) }
```


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

```
.border{ border-color:rgb(206, 231, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 231, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 176);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8660, 73.4082, 51.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 176) }
```

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

```
.background{ background-color: rgb(206,  
231, 176) }
```

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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