

Converting Colors

XYZ(61.4166, 67.3408, 79.5731)

Have a look what the booklet for
XYZ(61.4166, 67.3408, 79.5731)
contains.

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Color

**XYZ(61.4166, 67.3408,
79.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DADF
RGB	197, 218, 223
RGB Percent	77%, 85%, 87%
CMY	0.2274, 0.1451, 0.1255
CMYK	0.12, 0.02, 0.00, 0.13
HSL	192°, 29%, 82%
HSV	192°, 12%, 87%
XYZ	61.4166, 67.3408, 79.5731
YIQ	212.2910, -14.1210, -2.8970

Conversions

Conversions Part 2

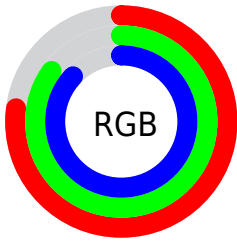
Format	Color
RYB	197, 209, 223
Decimal	12966623
CIELab	85.68, -5.99, -4.85
CIELCh	86, 7.705, 218.973
Yxy	67.3408, 0.2948, 0.3232
Android (android.graphics.Color)	4291156703 (0xFFC5DADF)
YUV	212.2910, 5.2795, -13.4102
Hunter-Lab	82.0614, -10.0142, -0.0491

Details

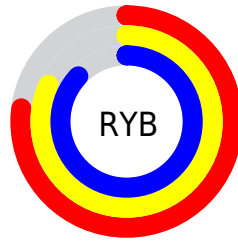
The XYZ color **61.4166, 67.3408, 79.5731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6303, 61.9599, 61.5356**, and the grayscale version is **62.7471, 66.0148, 71.8902**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **31.4928, 34.8612, 42.1148** is the 20% darker color. If you saturate the color by 10%, you get **54.9073, 62.3583, 78.9555**, and if you desaturate by 10%, it is **68.8223, 72.8317, 80.2437**.

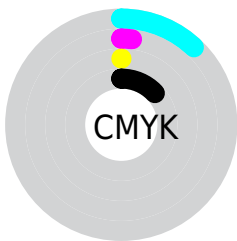
Distribution



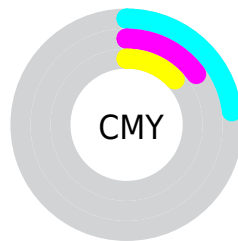
- Red (77%)
- Green (85%)
- Blue (87%)



- Red (77%)
- Yellow (82%)
- Blue (87%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4166, 67.3408, 79.5731 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 61.4166, 67.3408, 79.5731 by changing the saturation by 10% instead.

■ 61.4166, 67.3408,
79.5731

■ 61.4166, 67.3408,
79.5731

419.5514,
451.1569, 513.1618

■ 44.8153, 49.3616,
58.8430

105.9766,
115.4086, 134.5713

■ 31.5126, 34.9064,
42.0676

134.6660,
146.2660, 169.6766

■ 21.1432, 23.5908,
28.8283

168.1155,
182.1850, 210.4106

■ 13.3418, 15.0304,
18.7065

206.6904,
223.5499, 257.1920

■ 7.7430, 8.8407,
11.2837

250.7561,
270.7452, 310.4393

■ 3.9813, 4.6374,
6.1414

300.6779,

■ 1.6916, 2.0361,

324.1552, 370.5710

2.8611

356.8212,
384.1643, 438.0056

■ 0.4510, 0.6283,
1.0242

■ 0.0000, 0.0000,
0.0000

■ 61.4166, 67.3408,
79.5731

■ 61.4166, 67.3408,
79.5731

■ 54.9073, 62.3583,
78.9555

■ 68.8223, 72.8317,
80.2437

■ 49.2506, 57.8558,
78.3846

■ 77.1543, 78.8414,
80.9645

■ 44.4076, 53.8148,
77.8599

■ 83.0968, 83.6624,
81.5819

■ 40.3341, 50.2123,
77.3792

■ 84.3102, 86.0891,
81.9863

■ 36.9815, 47.0228,
76.9403

■ 85.5531, 88.5750,
82.4006

■ 34.2956, 44.2180,
76.5404

■ 86.8258, 91.1204,
82.8249

■ 32.2141, 41.7655,
76.1768

■ 88.1285, 93.7257,
83.2591

■ 30.6624, 39.6264,
75.8457

■ 89.4613, 96.3914,
83.7034

■ 29.6698, 38.0284,
75.5895

■ 90.3195, 98.1078,
83.9894

Harmonies

Analogous

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



60.7285, 67.3408, 74.8409



61.4166, 67.3408, 79.5731



62.8017, 67.3408, 82.7223

Triad

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



61.4166, 67.3408, 79.5731



67.2084, 67.3408, 76.8467



63.4803, 67.3408, 64.1815

Complementary

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



61.4166, 67.3408, 79.5731



61.6303, 61.9599, 61.5356

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.



65.2244, 67.3408, 64.6635



61.4166, 67.3408, 79.5731



67.3982, 67.3408, 71.8251

Square

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



61.4166, 67.3408, 79.5731



66.1522, 67.3408, 81.0989



66.6660, 67.3408, 67.4085



61.9056, 67.3408, 66.0602

Rectangle

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



61.4166, 67.3408, 79.5731



63.9449, 67.3408, 83.4203



66.6660, 67.3408, 67.4085



64.0659, 67.3408, 64.0747

Sweetspot

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



61.4186, 67.3436, 79.5746



91.8241, 97.6434, 108.6152



60.0478, 68.9000, 65.8677



19.4737, 20.7672, 23.2320



0.0000, 0.0000, 0.0000



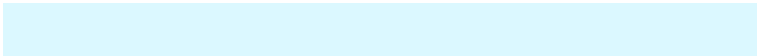
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4186, 67.3436, 79.5746



80.9639, 89.5469, 107.6248



58.2335, 60.9735, 78.5129



13.8810, 15.1011, 17.5709



17.5246, 22.5188, 44.4713



1.2729, 1.6773, 3.1019

Inverse Universe

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



63.0541, 60.6838, 74.7227



83.6147, 78.8657, 99.7356



64.7516, 68.2025, 62.5760



14.1762, 13.8881, 16.6978



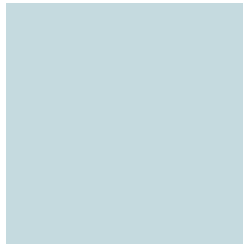
22.7858, 11.1813, 26.6016



1.6088, 0.7868, 1.9986

Previews

White Background



This preview shows how the XYZ color 61.4166, 67.3408, 79.5731 looks on a white background.

Color Contrast Check

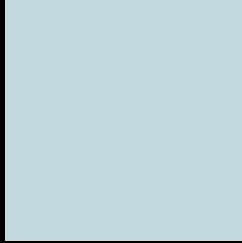
Large Text (above 18pt) WCAG AA × Fail

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 61.4166, 67.3408, 79.5731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

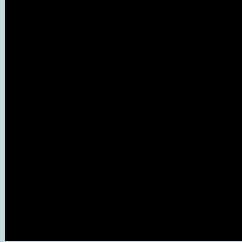
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

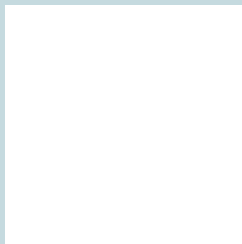
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4166, 67.3408, 79.5731

Background



This preview shows how black text looks on a background with the XYZ color 61.4166, 67.3408, 79.5731.

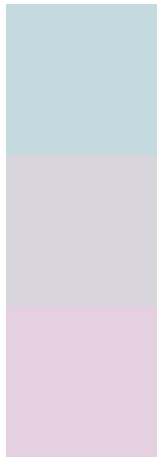


This preview shows how white text looks on a background with the XYZ color 61.4166, 67.3408,

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

61.4166, 67.3408, 79.5731

Protanopia

65.0314, 67.3547, 77.2834

Deuteranopia

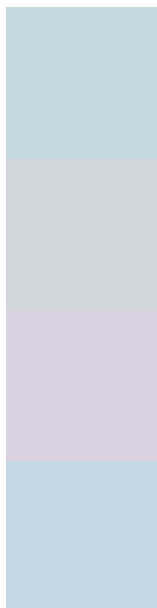
68.4596, 67.2060, 80.5980



Tritanopia

62.9603, 67.1944, 87.4933

Trichromacy



Original Color

61.4166, 67.3408, 79.5731

Protanomaly

63.6461, 67.3766, 78.0571

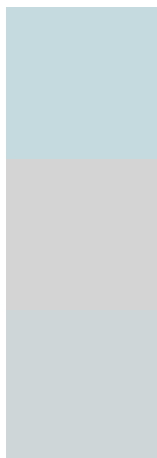
Deuteranomaly

65.6133, 67.2205, 80.0377

Tritanomaly

62.3845, 67.3446, 84.5737

Monochromacy



Original Color

61.4166, 67.3408, 79.5731

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.1734, 66.3164, 74.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4166, 67.3408, 79.5731 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(197, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 223)  
}
```

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(197, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.4166, 67.3408, 79.5731 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(197, 218, 223) }
```


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

```
.border{ border-color:rgb(197, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4166, 67.3408, 79.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 223) }
```

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

```
.background{ background-color: rgb(197,  
218, 223) }
```

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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