

Converting Colors

XYZ(61.4006, 67.1496, 82.3629)

Have a look what the booklet for
XYZ(61.4006, 67.1496, 82.3629)
contains.

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Color

**XYZ(61.4422, 67.2910,
82.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DAE3
RGB	195, 218, 227
RGB Percent	76%, 85%, 89%
CMY	0.2353, 0.1451, 0.1098
CMYK	0.14, 0.04, 0.00, 0.11
HSL	197°, 36%, 83%
HSV	197°, 14%, 89%
XYZ	61.4422, 67.2910, 82.4231
YIQ	212.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

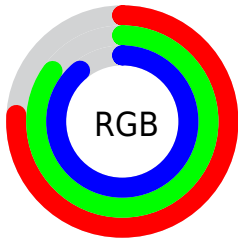
Format	Color
R_{YB}	195, 208, 227
Decimal	12835555
CIE Lab	85.65, -5.82, -7.01
CIE LCh	86, 9.116, 230.308
Yxy	67.2910, 0.2910, 0.3187
Android (android.graphics.Color)	4291025635 (0xFFC3DAE3)
YUV	212.1490, 7.3215, -15.0397
Hunter-Lab	82.0311, -9.8559, -2.1516

Details

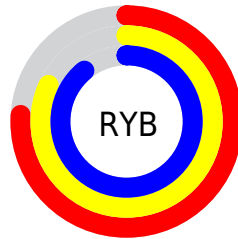
The XYZ color **61.4422, 67.2910, 82.4231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1221, 63.4564, 60.5524**, and the grayscale version is **62.6407, 65.9029, 71.7683**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.5281, 34.8357, 44.0920** is the 20% darker color. If you saturate the color by 10%, you get **54.3942, 61.2495, 81.6295**, and if you desaturate by 10%, it is **69.4495, 73.9252, 83.2827**.

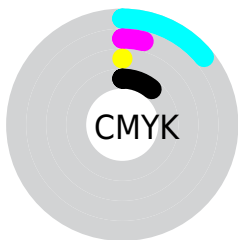
Distribution



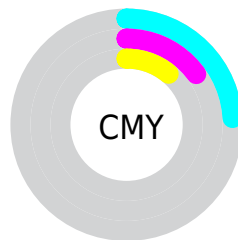
- Red (76%)
- Green (85%)
- Blue (89%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4422, 67.2910, 82.4231 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 61.4422, 67.2910, 82.4231 by changing the saturation by 10% instead.

61.4422, 67.2910,
82.4231

61.4422, 67.2910,
82.4231

419.6436,
450.9799, 522.9824

44.8360, 49.3212,
61.1765

106.0134,
115.3373, 138.6092

31.5290, 34.8743,
43.9361

134.7092,
146.1825, 174.3857

21.1558, 23.5661,
30.2835

168.1656,
182.0883, 215.8427

13.3511, 15.0120,
19.8000

206.7479,
223.4391, 263.3986

7.7494, 8.8278,
12.0671

250.8215,
270.6193, 317.4720

3.9855, 4.6291,
6.6663

300.7517,

1.6939, 2.0313,

324.0132, 378.4814

3.1790

356.9040,
384.0053, 446.8453

■ 0.4525, 0.6256,
1.1868

■ 0.0000, 0.0000,
0.0000

■ 61.4422, 67.2910,
82.4231

■ 61.4422, 67.2910,
82.4231

■ 54.3942, 61.2495,
81.6295

■ 69.4495, 73.9252,
83.2827

■ 48.2587, 55.7703,
80.8953

■ 78.4486, 81.1645,
84.2057

■ 42.9939, 50.8323,
80.2197

■ 85.4333, 87.4621,
85.0531

■ 38.5520, 46.4100,
79.6002

■ 87.3157, 91.2270,
85.6806

■ 34.8805, 42.4752,
79.0342

■ 89.2647, 95.1248,
86.3302

■ 31.9204, 38.9962,
78.5187

■ 90.8653, 98.3261,
86.8638

■ 29.6033, 35.9368,
78.0503

■ 27.8464, 33.2531,
77.6249

■ 26.9945, 31.8045,
77.3902

Harmonies

Analogous

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



60.2867, 67.2910, 77.3087



61.4422, 67.2910, 82.4231



63.2884, 67.2910, 85.1262

Triad

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



61.4422, 67.2910, 82.4231



67.9745, 67.2910, 75.2101



62.5825, 67.2910, 63.0605

Complementary

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



61.4422, 67.2910, 82.4231



63.1221, 63.4564, 60.5524

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.



64.6325, 67.2910, 62.5664



61.4422, 67.2910, 82.4231



67.7756, 67.2910, 69.3715

Square

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



61.4422, 67.2910, 82.4231



67.0795, 67.2910, 80.8156



66.5417, 67.2910, 64.8181



60.9351, 67.2910, 66.2065

Rectangle

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



61.4422, 67.2910, 82.4231



64.6751, 67.2910, 85.1026



66.5417, 67.2910, 64.8181



63.2463, 67.2910, 62.5856

Sweetspot

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



61.4442, 67.2938, 82.4246



90.4884, 96.3004, 108.4263



60.8191, 70.8787, 67.3103



19.1897, 20.4664, 23.1890



0.0000, 0.0000, 0.0000



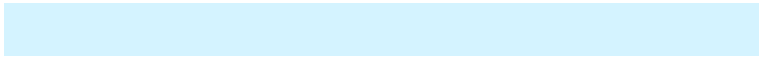
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4442, 67.2938, 82.4246



77.0950, 85.1539, 106.9808



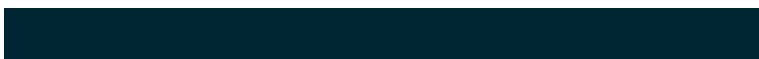
57.6022, 59.6098, 81.1439



14.4470, 15.6154, 18.3970



15.8465, 18.7551, 45.1681



1.2486, 1.5412, 3.3636

Inverse Universe

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



63.8501, 60.4244, 74.6308



80.8454, 74.6319, 94.7898



67.0008, 71.2139, 61.8453



14.8132, 14.5425, 17.2168



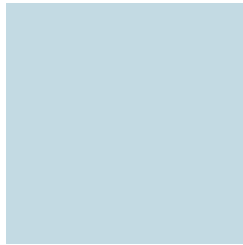
22.3921, 11.0911, 21.4915



1.6939, 0.8353, 1.7945

Previews

White Background



This preview shows how the XYZ color 61.4422, 67.2910, 82.4231 looks on a white background.

Color Contrast Check

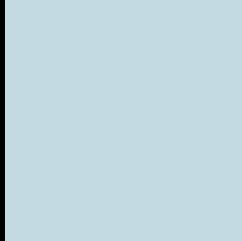
Large Text (above 18pt) WCAG AA × Fail

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 61.4422, 67.2910, 82.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

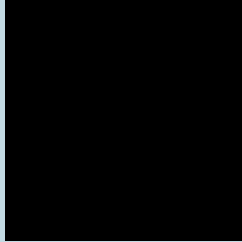
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4422, 67.2910, 82.4231

Background



This preview shows how black text looks on a background with the XYZ color 61.4422, 67.2910, 82.4231.

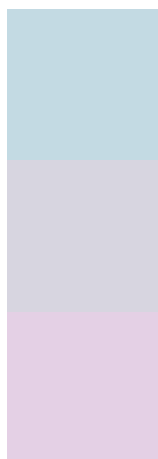


This preview shows how white text looks on a background with the XYZ color 61.4422, 67.2910,

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

61.4422, 67.2910, 82.4231

Protanopia

65.2731, 67.4174, 80.0936

Deuteranopia

68.6936, 67.2629, 83.4912



Tritanopia

62.4291, 67.3020, 87.5421

Trichromacy



Original Color

61.4422, 67.2910, 82.4231

Protanomaly

63.9035, 67.4470, 80.8847

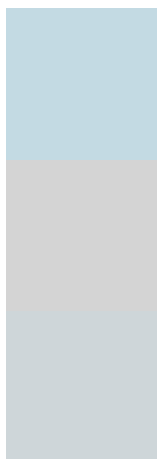
Deuteranomaly

65.8660, 67.2873, 82.9150

Tritanomaly

62.0016, 67.1310, 85.2910

Monochromacy



Original Color

61.4422, 67.2910, 82.4231

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0246, 66.2247, 75.1592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4422, 67.2910, 82.4231 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, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 227)  
}
```

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, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 227) }
```

Border

The CSS property to change the border of an element to XYZ 61.4422, 67.2910, 82.4231 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, 218, 227) }
```


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

```
.border{ border-color:rgb(195, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4422, 67.2910, 82.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 227) }
```

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

```
.background{ background-color: rgb(195,  
218, 227) }
```

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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