

Converting Colors

XYZ(62.8017, 67.3408, 82.7223)

Have a look what the booklet for
XYZ(62.8017, 67.3408, 82.7223)
contains.

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Color

**XYZ(62.7781, 67.2143,
82.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD8E3
RGB	202, 216, 227
RGB Percent	79%, 85%, 89%
CMY	0.2078, 0.1529, 0.1098
CMYK	0.11, 0.05, 0.00, 0.11
HSL	206°, 31%, 84%
HSV	206°, 11%, 89%
XYZ	62.7781, 67.2143, 82.3379
YIQ	213.0680, -11.8750, 0.4530

Conversions

Conversions Part 2

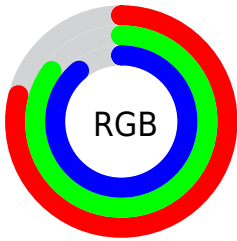
Format	Color
R _Y B	202, 211, 227
Decimal	13293795
CIE Lab	85.61, -2.54, -7.02
CIE LCh	86, 7.466, 250.071
Yxy	67.2143, 0.2957, 0.3166
Android (android.graphics.Color)	4291483875 (0xFFCAD8E3)
YUV	213.0680, 6.8685, -9.7066
Hunter-Lab	81.9843, -6.7892, -2.1567

Details

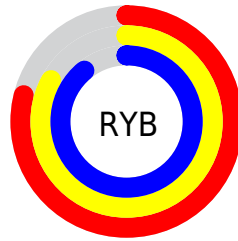
The XYZ color **62.7781, 67.2143, 82.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1338, 68.1833, 65.5534**, and the grayscale version is **63.2541, 66.5483, 72.4710**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4040, 34.7642, 44.0320** is the 20% darker color. If you saturate the color by 10%, you get **54.6016, 59.3178, 81.2457**, and if you desaturate by 10%, it is **72.0175, 75.8931, 83.5272**.

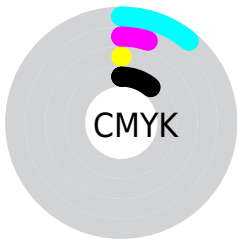
Distribution



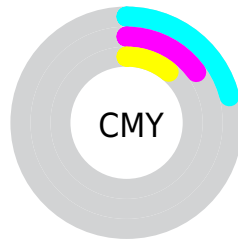
- Red (79%)
- Green (85%)
- Blue (89%)



- Red (79%)
- Yellow (83%)
- Blue (89%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7781, 67.2143, 82.3379 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 62.7781, 67.2143, 82.3379 by changing the saturation by 10% instead.

■ 62.7781, 67.2143,
82.3379

■ 62.7781, 67.2143,
82.3379

424.4362,
450.7072, 522.6903

■ 45.9197, 49.2588,
61.1067

107.9329,
115.2274, 138.4887

■ 32.3868, 34.8248,
43.8801

136.9601,
146.0538, 174.2453

■ 21.8141, 23.5280,
30.2398

170.7741,
181.9394, 215.6808

■ 13.8362, 14.9838,
19.7671

209.7405,
223.2684, 263.2137

■ 8.0878, 8.8080,
12.0434

254.2245,
270.4253, 317.2626

■ 4.2034, 4.6162,
6.6504

304.5916,

■ 1.8179, 2.0239,

323.7944, 378.2460

3.1693

361.2070,
383.7603, 446.5824

■ 0.5284, 0.6213,
1.1817

■ 0.0000, 0.0000,
0.0000

■ 62.7781, 67.2143,
82.3379

■ 62.7781, 67.2143,
82.3379

■ 54.6016, 59.3178,
81.2457

■ 72.0175, 75.8931,
83.5272

■ 47.4400, 52.1695,
80.2434

■ 82.3535, 85.3702,
84.8117

■ 41.2503, 45.7448,
79.3296

■ 88.0491, 92.6937,
85.9250

■ 35.9840, 40.0143,
78.5010

■ 90.8653, 98.3261,
86.8638

■ 31.5879, 34.9463,
77.7545

■ 28.0028, 30.5056,
77.0863

■ 25.1613, 26.6529,
76.4924

■ 22.9834, 23.3419,
75.9681

■ 21.4739, 20.7632,
75.5500

Harmonies

Analogous

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



61.4177, 67.2143, 79.3746



62.7781, 67.2143, 82.3379



64.4582, 67.2143, 82.7888

Triad

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



62.7781, 67.2143, 82.3379



67.1560, 67.2143, 71.5610



61.8051, 67.2143, 66.2561

Complementary

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



62.7781, 67.2143, 82.3379



66.1338, 68.1833, 65.5534

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.



63.3156, 67.2143, 64.3541



62.7781, 67.2143, 82.3379



66.4179, 67.2143, 67.3258

Square

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



62.7781, 67.2143, 82.3379



67.0059, 67.2143, 76.4206



65.0052, 67.2143, 64.7368



60.8629, 67.2143, 70.0420

Rectangle

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



62.7781, 67.2143, 82.3379



65.5362, 67.2143, 81.5841



65.0052, 67.2143, 64.7368



62.2622, 67.2143, 65.3830

Sweetspot

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



62.7801, 67.2171, 82.3394



91.2272, 96.4496, 108.4162



63.8164, 72.2915, 73.4313



19.3124, 20.4445, 23.1783



0.0000, 0.0000, 0.0000



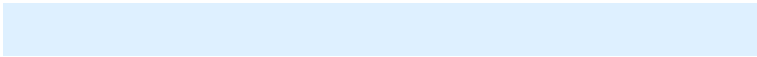
20.3446, 21.4041, 23.3091

Same Dimension

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



62.7801, 67.2171, 82.3394



79.4116, 85.2925, 106.8854



59.7372, 61.1313, 81.3251



14.2491, 15.2197, 18.3310



12.6416, 12.3453, 44.0998



1.0263, 1.0966, 3.2895

Inverse Universe

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



65.1953, 63.5312, 73.7955



83.1118, 79.7391, 93.7747



69.3557, 74.6271, 66.6274



14.7133, 14.5025, 16.6908



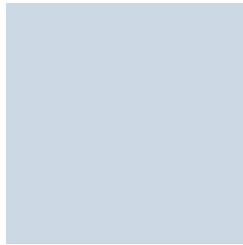
20.7744, 10.4440, 12.9729



1.5817, 0.7904, 1.2037

Previews

White Background



This preview shows how the XYZ color 62.7781, 67.2143, 82.3379 looks on a white background.

Color Contrast Check

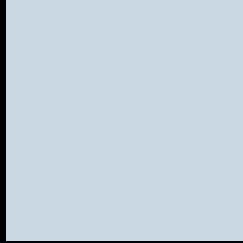
Large Text (above 18pt) WCAG AA × Fail

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 62.7781, 67.2143, 82.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

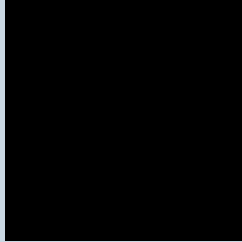
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

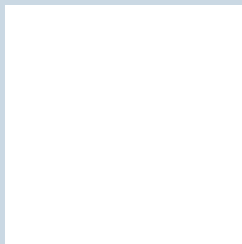
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7781, 67.2143, 82.3379

Background



This preview shows how black text looks on a background with the XYZ color 62.7781, 67.2143, 82.3379.

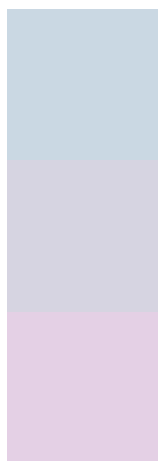


This preview shows how white text looks on a background with the XYZ color 62.7781, 67.2143,

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

62.7781, 67.2143, 82.3379

Protanopia

64.8656, 66.8194, 80.7128

Deuteranopia

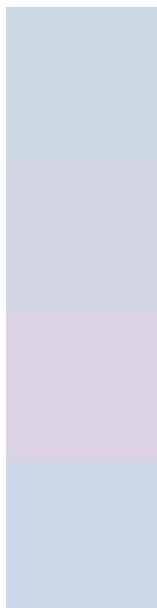
68.6936, 67.2629, 83.4912



Tritanopia

63.4945, 67.1236, 85.9536

Trichromacy



Original Color

62.7781, 67.2143, 82.3379

Protanomaly

64.1001, 66.7811, 81.4631

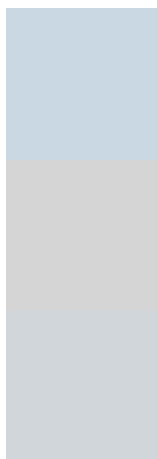
Deuteranomaly

66.5113, 67.2500, 82.8738

Tritanomaly

63.2120, 67.0106, 84.4656

Monochromacy



Original Color

62.7781, 67.2143, 82.3379

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9960, 66.7104, 75.8858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7781, 67.2143, 82.3379 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, 216, 227) looks like.

```
.text, #text, p{  
    color:rgb(202, 216, 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(202, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 216, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.7781, 67.2143, 82.3379 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, 216, 227) }
```


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

```
.border{ border-color:rgb(202, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 216,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7781, 67.2143, 82.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 216, 227) }
```

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

```
.background{ background-color: rgb(202,  
216, 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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