

Converting Colors

XYZ(62.9098, 67.7873, 81.9556)

Have a look what the booklet for
XYZ(62.9098, 67.7873, 81.9556)
contains.

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Color

**XYZ(62.8974, 67.6733,
81.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9E2
RGB	202, 217, 226
RGB Percent	79%, 85%, 89%
CMY	0.2078, 0.1490, 0.1137
CMYK	0.11, 0.04, 0.00, 0.11
HSL	202°, 29%, 84%
HSV	202°, 11%, 89%
XYZ	62.8974, 67.6733, 81.6987
YIQ	213.5410, -11.8290, -0.3810

Conversions

Conversions Part 2

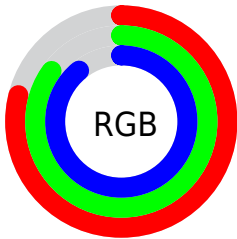
Format	Color
R _Y B	202, 211, 226
Decimal	13294050
CIE Lab	85.84, -3.26, -6.15
CIE LCh	86, 6.961, 242.038
Yxy	67.6733, 0.2963, 0.3188
Android (android.graphics.Color)	4291484130 (0xFFCAD9E2)
YUV	213.5410, 6.1423, -10.1215
Hunter-Lab	82.2638, -7.4838, -1.2981

Details

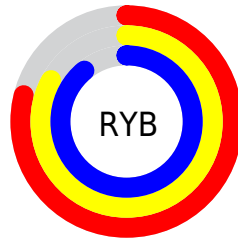
The XYZ color **62.8974, 67.6733, 81.6987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3191, 67.0209, 65.3718**, and the grayscale version is **63.5756, 66.8865, 72.8394**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4838, 35.0768, 43.5865** is the 20% darker color. If you saturate the color by 10%, you get **55.0971, 60.4949, 80.7253**, and if you desaturate by 10%, it is **71.7093, 75.5433, 82.7544**.

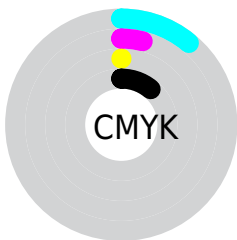
Distribution



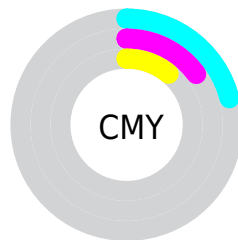
- Red (79%)
- Green (85%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8974, 67.6733, 81.6987 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 62.8974, 67.6733, 81.6987 by changing the saturation by 10% instead.

■ 62.8974, 67.6733,
81.6987

■ 62.8974, 67.6733,
81.6987

424.8626,
452.3376, 520.4963

■ 46.0165, 49.6320,
60.5828

108.1041,
115.8847, 137.5843

■ 32.4636, 35.1211,
43.4602

137.1607,
146.8235, 173.1911

■ 21.8731, 23.7562,
29.9123

171.0066,
182.8303, 214.4653

■ 13.8797, 15.1528,
19.5206

210.0071,
224.2895, 261.8255

■ 8.1182, 8.9267,
11.8664

254.5276,
271.5854, 315.6901

■ 4.2231, 4.6934,
6.5313

304.9334,

■ 1.8291, 2.0685,

325.1025, 376.4777

3.0968

361.5900,
385.2251, 444.6069

■ 0.5351, 0.6468,
1.1443

■ 0.0000, 0.0000,
0.0000

■ 62.8974, 67.6733,
81.6987

■ 62.8974, 67.6733,
81.6987

■ 55.0971, 60.4949,
80.7253

■ 71.7093, 75.5433,
82.7544

■ 48.2621, 53.9762,
79.8273

■ 81.5649, 84.1183,
83.8901

■ 42.3509, 48.0953,
79.0037

■ 86.8450, 90.5058,
84.8447

■ 37.3169, 42.8253,
78.2519

■ 89.4311, 95.6780,
85.7067

■ 33.1088, 38.1373,
77.5688

■ 90.7277, 98.2711,
86.1389

■ 29.6695, 33.9992,
76.9513

■ 26.9340, 30.3745,
76.3958

■ 24.8252, 27.2207,
75.8982

■ 23.2944, 24.6246,
75.4778

Harmonies

Analogous

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



61.7624, 67.6733, 78.4316



62.8974, 67.6733, 81.6987



64.4303, 67.6733, 82.7935

Triad

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



62.8974, 67.6733, 81.6987



67.4279, 67.6733, 73.3736



62.7119, 67.6733, 66.5033

Complementary

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



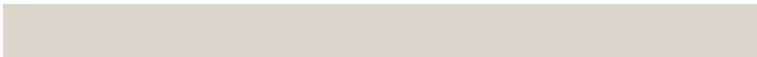
62.8974, 67.6733, 81.6987



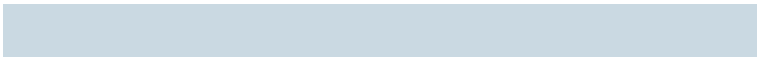
65.3191, 67.0209, 65.3718

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.



64.2127, 67.6733, 65.2698



62.8974, 67.6733, 81.6987



66.9502, 67.6733, 69.1333

Square

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



62.8974, 67.6733, 81.6987



67.0620, 67.6733, 77.8704



65.7668, 67.6733, 66.2127



61.6566, 67.6733, 69.6518

Rectangle

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



62.8974, 67.6733, 81.6987



65.4763, 67.6733, 82.1094



65.7668, 67.6733, 66.2127



63.1802, 67.6733, 65.8569

Sweetspot

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



62.8994, 67.6761, 81.7002



91.3833, 96.7618, 108.4682



63.2873, 71.6435, 71.9906



19.3546, 20.5288, 23.1923



0.0000, 0.0000, 0.0000



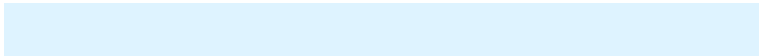
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8994, 67.6761, 81.7002



80.0514, 86.5722, 107.0987



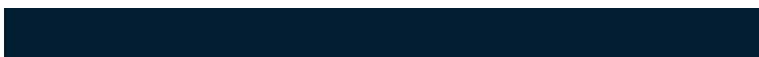
59.9648, 61.8070, 80.7220



13.6623, 14.6637, 17.4980



13.4068, 14.2832, 43.0987



1.0144, 1.1603, 3.0157

Inverse Universe

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



65.0104, 63.4208, 74.4641



83.4348, 79.8682, 95.4754



68.3600, 73.1027, 66.3854



14.0658, 13.8439, 16.1165



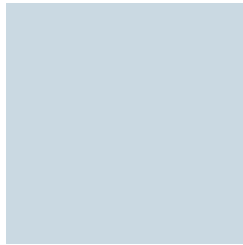
20.7074, 10.3499, 15.6566



1.4783, 0.7346, 1.3116

Previews

White Background



This preview shows how the XYZ color 62.8974, 67.6733, 81.6987 looks on a white background.

Color Contrast Check

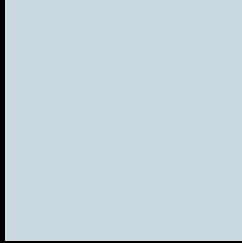
Large Text (above 18pt) WCAG AA × Fail

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 62.8974, 67.6733, 81.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

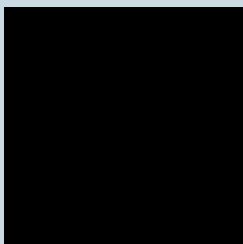
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

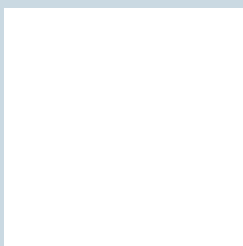
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8974, 67.6733, 81.6987

Background



This preview shows how black text looks on a background with the XYZ color 62.8974, 67.6733, 81.6987.

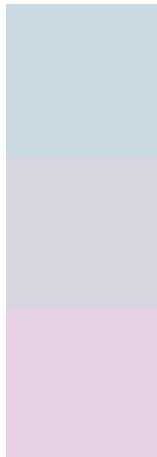


This preview shows how white text looks on a background with the XYZ color 62.8974, 67.6733,

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

62.8974, 67.6733, 81.6987

Protanopia

65.2731, 67.4174, 80.0936

Deuteranopia

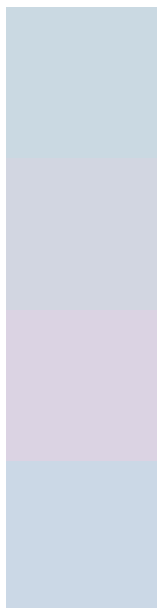
68.8726, 67.3712, 82.7728



Tritanopia

63.8924, 67.6914, 86.7891

Trichromacy



Original Color

62.8974, 67.6733, 81.6987

Protanomaly

64.2155, 67.2310, 80.8265

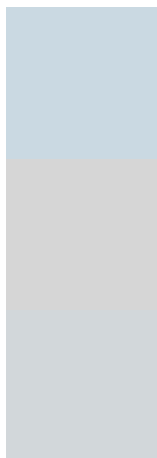
Deuteranomaly

66.3728, 67.1947, 82.1447

Tritanomaly

63.4674, 67.5214, 84.5508

Monochromacy



Original Color

62.8974, 67.6733, 81.6987

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5337, 67.3645, 75.9837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8974, 67.6733, 81.6987 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, 217, 226) looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 226)  
}
```

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, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 226) }
```

Border

The CSS property to change the border of an element to XYZ 62.8974, 67.6733, 81.6987 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, 217, 226) }
```


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

```
.border{ border-color:rgb(202, 217, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8974, 67.6733, 81.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 226) }
```

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

```
.background{ background-color: rgb(202,  
217, 226) }
```

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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