

Converting Colors

XYZ(63.0924, 69.9547, 81.1268)

Have a look what the booklet for
XYZ(63.0924, 69.9547, 81.1268)
contains.

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Color

**XYZ(63.2670, 70.2174,
81.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DFE1
RGB	198, 223, 225
RGB Percent	78%, 87%, 88%
CMY	0.2235, 0.1255, 0.1176
CMYK	0.12, 0.01, 0.00, 0.12
HSL	184°, 31%, 83%
HSV	184°, 12%, 88%
XYZ	63.2670, 70.2174, 81.4529
YIQ	215.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

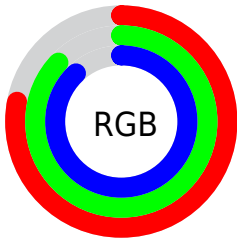
Format	Color
RYB	198, 211, 225
Decimal	13033441
CIELab	87.10, -7.85, -3.79
CIELCh	87, 8.714, 205.797
Yxy	70.2174, 0.2944, 0.3267
Android (android.graphics.Color)	4291223521 (0xFFC6DFE1)
YUV	215.7530, 4.5588, -15.5694
Hunter-Lab	83.7958, -11.8727, 1.0248

Details

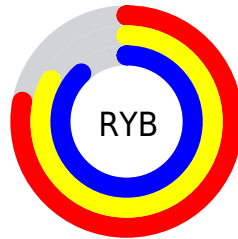
The XYZ color **63.2670, 70.2174, 81.4529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8990, 61.3930, 62.0149**, and the grayscale version is **65.0814, 68.4707, 74.5646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7599, 36.8368, 43.4138** is the 20% darker color. If you saturate the color by 10%, you get **57.3295, 66.5016, 81.0497**, and if you desaturate by 10%, it is **70.0940, 74.4019, 81.9019**.

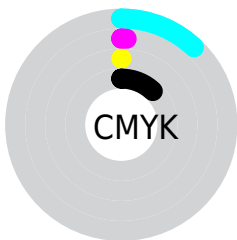
Distribution



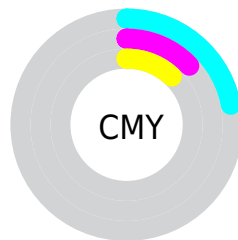
- Red (78%)
- Green (87%)
- Blue (88%)



- Red (78%)
- Yellow (83%)
- Blue (88%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2670, 70.2174, 81.4529 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 63.2670, 70.2174, 81.4529 by changing the saturation by 10% instead.

■ 63.2670, 70.2174,
81.4529

■ 63.2670, 70.2174,
81.4529

426.1821,
461.3130, 519.6511

■ 46.3167, 51.7038,
60.3815

108.6343,
119.5187, 137.2363

■ 32.7015, 36.7690,
43.2989

137.7820,
151.0752, 172.7854

■ 22.0560, 25.0287,
29.7866

171.7261,
187.7482, 213.9974

■ 14.0149, 16.0984,
19.4260

210.8322,
229.9219, 261.2910

■ 8.2128, 9.5938,
11.7986

255.4655,
277.9809, 315.0846

■ 4.2844, 5.1305,
6.4858

305.9913,

■ 1.8642, 2.3240,

332.3094, 375.7968

3.0691

362.7751,
393.2920, 443.8461

■ 0.5559, 0.7864,
1.1300

■ 0.0000, 0.0000,
0.0000

■ 63.2670, 70.2174,
81.4529

■ 63.2670, 70.2174,
81.4529

■ 57.3295, 66.5016,
81.0497

■ 70.0940, 74.4019,
81.9019

■ 52.2366, 63.2259,
80.6859

■ 77.8406, 79.0652,
82.3937

■ 47.9487, 60.3716,
80.3609

■ 82.5732, 82.1812,
82.7457

■ 44.4208, 57.9155,
80.0728

■ 83.0332, 83.1011,
82.8990

41.6032, 55.8321,
79.8192

83.4976, 84.0298,
83.0538

39.4405, 54.0926,
79.5974

83.9663, 84.9674,
83.2101

37.8688, 52.6641,
79.4045

84.4396, 85.9139,
83.3678

36.8114, 51.5072,
79.2369

84.9173, 86.8692,
83.5270

36.2353, 50.7252,
79.1164

85.3994, 87.8335,
83.6878

Harmonies

Analogous

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



62.9003, 70.2174, 75.6338



63.2670, 70.2174, 81.4529



64.5570, 70.2174, 86.1357

Triad

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



63.2670, 70.2174, 81.4529



70.0393, 70.2174, 82.9506



67.0276, 70.2174, 65.7810

Complementary

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



63.2670, 70.2174, 81.4529



61.8990, 61.3930, 62.0149

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.



68.9707, 70.2174, 67.5279



63.2670, 70.2174, 81.4529



70.7319, 70.2174, 77.2817

Square

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



63.2670, 70.2174, 81.4529



68.4626, 70.2174, 87.0309



70.3369, 70.2174, 71.6655



65.0456, 70.2174, 66.7723

Rectangle

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



63.2670, 70.2174, 81.4529



65.7810, 70.2174, 87.8806



70.3369, 70.2174, 71.6655



67.7074, 70.2174, 66.0650

Sweetspot

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



63.2690, 70.2203, 81.4545



91.1563, 97.6362, 108.6490



60.6170, 70.0181, 64.8423



19.3592, 20.8055, 23.2455



0.0000, 0.0000, 0.0000



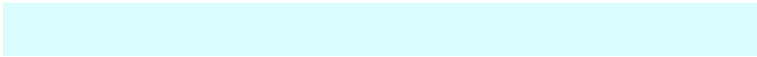
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2690, 70.2203, 81.4545



82.2773, 92.1738, 108.0626



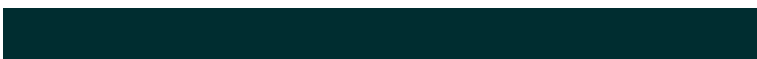
59.8531, 63.3884, 80.3158



14.0253, 15.3897, 17.6190



20.9178, 29.3052, 45.6024



1.4762, 2.0838, 3.1697

Inverse Universe

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



64.5663, 61.7249, 78.3266



84.2777, 79.1308, 103.2267



65.1153, 67.8255, 63.0870



14.2490, 13.9172, 17.0813



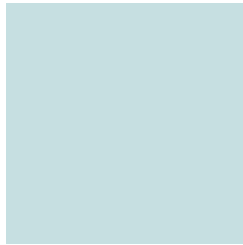
24.4986, 11.8664, 35.6208



1.7114, 0.8278, 2.5388

Previews

White Background



This preview shows how the XYZ color 63.2670, 70.2174, 81.4529 looks on a white background.

Color Contrast Check

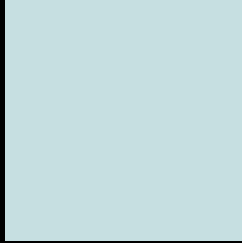
Large Text (above 18pt) WCAG AA × Fail

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 63.2670, 70.2174, 81.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

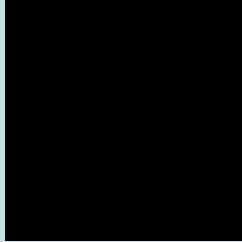
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

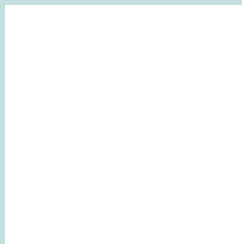
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2670, 70.2174, 81.4529

Background



This preview shows how black text looks on a background with the XYZ color 63.2670, 70.2174, 81.4529.



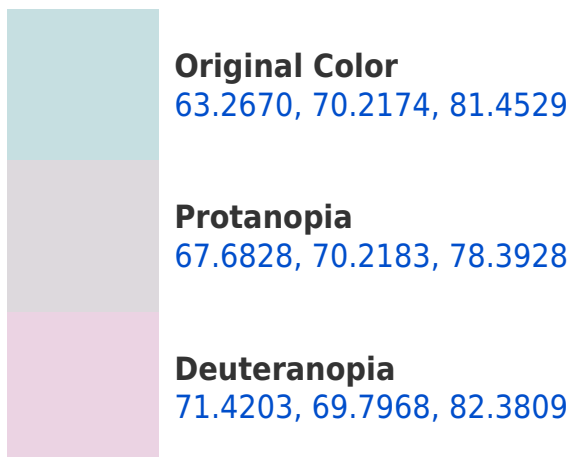
This preview shows how white text looks on a background with the XYZ color 63.2670, 70.2174,

81.4529.

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

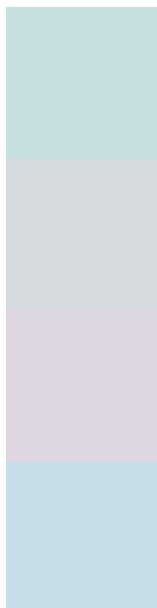




Tritanopia

65.1085, 70.1653, 91.0006

Trichromacy



Original Color

63.2670, 70.2174, 81.4529

Protanomaly

65.9569, 70.0831, 79.1583

Deuteranomaly

68.1521, 69.6215, 81.7978

Tritanomaly

64.3824, 70.2679, 87.2605

Monochromacy



Original Color

63.2670, 70.2174, 81.4529

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.4122, 69.3328, 77.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2670, 70.2174, 81.4529 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(198, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 223, 225)  
}
```

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(198, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.2670, 70.2174, 81.4529 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(198, 223, 225) }
```


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

```
.border{ border-color:rgb(198, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 223, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 223, 225); box-shadow:4px 4px 4px 4px rgb(198, 223, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2670, 70.2174, 81.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 223, 225) }
```

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

```
.background{ background-color: rgb(198,  
223, 225) }
```

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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