

Converting Colors

XYZ(67.0661, 72.4231, 84.9396)

Have a look what the booklet for
XYZ(67.0661, 72.4231, 84.9396)
contains.

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Color

**XYZ(67.2331, 72.5798,
85.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0E6
RGB	209, 224, 230
RGB Percent	82%, 88%, 90%
CMY	0.1804, 0.1215, 0.0980
CMYK	0.09, 0.03, 0.00, 0.10
HSL	197°, 30%, 86%
HSV	197°, 9%, 90%
XYZ	67.2331, 72.5798, 85.3286
YIQ	220.1990, -10.8660, -1.3140

Conversions

Conversions Part 2

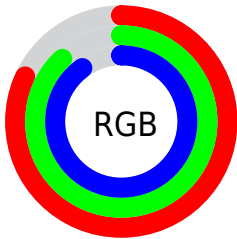
Format	Color
R _Y B	209, 218, 230
Decimal	13754598
CIE Lab	88.25, -3.84, -4.66
CIE LCh	88, 6.033, 230.512
Yxy	72.5798, 0.2986, 0.3224
Android (android.graphics.Color)	4291944678 (0xFFD1E0E6)
YUV	220.1990, 4.8319, -9.8215
Hunter-Lab	85.1938, -8.2207, 0.2518

Details

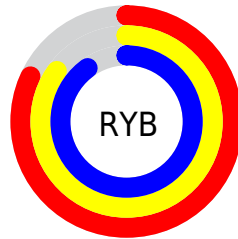
The XYZ color **67.2331, 72.5798, 85.3286** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4425, 70.0269, 70.2321**, and the grayscale version is **68.1409, 71.6896, 78.0699**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2523, 38.3411, 46.1000** is the 20% darker color. If you saturate the color by 10%, you get **59.4590, 66.0040, 84.4702**, and if you desaturate by 10%, it is **76.0190, 79.7824, 86.2569**.

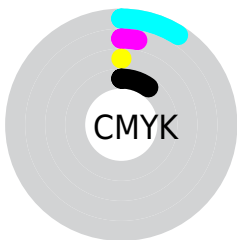
Distribution



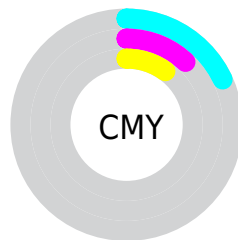
- Red (82%)
- Green (88%)
- Blue (90%)



- Red (82%)
- Yellow (85%)
- Blue (90%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2331, 72.5798, 85.3286 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 67.2331, 72.5798, 85.3286 by changing the saturation by 10% instead.

■ 67.2331, 72.5798,
85.3286

■ 67.2331, 72.5798,
85.3286

440.1935,
469.5572, 532.8877

■ 49.5455, 53.6324,
63.5612

114.3023,
122.8805, 142.7104

■ 35.2687, 38.3079,
45.8515

144.4146,
155.0026, 179.1619

■ 24.0374, 26.2217,
31.7808

179.3992,
192.2851, 221.3453

■ 15.4863, 16.9896,
20.9307

219.6214,
235.1124, 269.6789

■ 9.2499, 10.2271,
12.8826

265.4465,
283.8689, 324.5814

■ 4.9629, 5.5498,
7.2180

317.2400,

■ 2.2601, 2.5733,

338.9389, 386.4714

3.5183

375.3672,
400.7068, 455.7673

■ 0.7741, 0.9133,
1.3650

■ 0.0000, 0.0000,
0.1142

■ 67.2331, 72.5798,
85.3286

■ 67.2331, 72.5798,
85.3286

■ 59.4590, 66.0040,
84.4702

■ 76.0190, 79.7824,
86.2569

■ 52.6496, 60.0236,
83.6748

■ 85.8480, 87.6231,
87.2523

■ 46.7633, 54.6181,
82.9417

■ 87.7861, 91.4992,
87.8983

■ 41.7528, 49.7619,
82.2684

■ 89.7946, 95.5162,
88.5678

■ 37.5664, 45.4271,
81.6523

■ 91.2831, 98.4933,
89.0640

■ 34.1468, 41.5830,
81.0906

■ 31.4286, 38.1946,
80.5798

■ 29.3345, 35.2209,
80.1162

■ 27.7444, 32.5986,
79.6939

Harmonies

Analogous

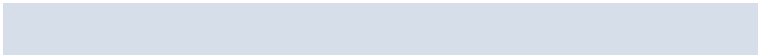
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.4152, 72.5798, 81.8482



67.2331, 72.5798, 85.3286



68.5279, 72.5798, 87.1382

Triad

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



67.2331, 72.5798, 85.3286



71.7618, 72.5798, 80.3460



68.0159, 72.5798, 71.8061

Complementary

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



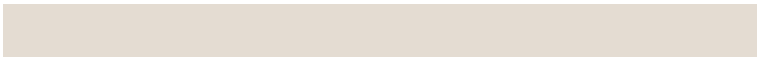
67.2331, 72.5798, 85.3286



68.4425, 70.0269, 70.2321

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.



69.4439, 72.5798, 71.4356



67.2331, 72.5798, 85.3286



71.6201, 72.5798, 76.2715

Square

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



67.2331, 72.5798, 85.3286



71.1515, 72.5798, 84.1960



70.7669, 72.5798, 73.0437



66.8628, 72.5798, 74.0741

Rectangle

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



67.2331, 72.5798, 85.3286



69.4931, 72.5798, 87.1118



70.7669, 72.5798, 73.0437



68.4793, 72.5798, 71.4587

Sweetspot

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



67.2352, 72.5829, 85.3302



91.5984, 97.1920, 108.5399



66.8518, 75.0539, 75.2209



19.4127, 20.6451, 23.2117



0.0000, 0.0000, 0.0000



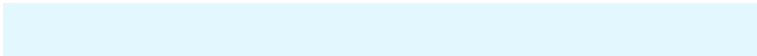
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2352, 72.5829, 85.3302



82.9706, 90.0583, 107.6177



64.5115, 67.1355, 84.4223



14.4415, 15.6043, 18.3951



15.7440, 18.5501, 45.1339



1.2417, 1.5274, 3.3613

Inverse Universe

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



68.8898, 67.8072, 79.9818



85.4824, 82.8856, 99.4809



71.1899, 75.5217, 71.1479



14.8104, 14.5414, 17.2021



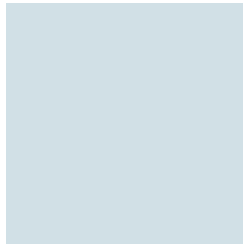
22.3404, 11.0704, 21.2191



1.6904, 0.8339, 1.7761

Previews

White Background



This preview shows how the XYZ color 67.2331, 72.5798, 85.3286 looks on a white background.

Color Contrast Check

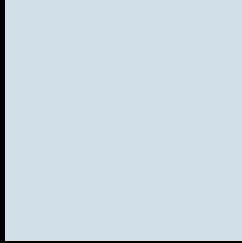
Large Text (above 18pt) WCAG AA × Fail

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 67.2331, 72.5798, 85.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

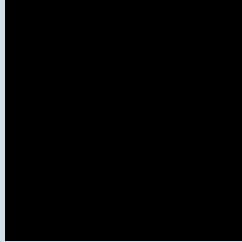
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

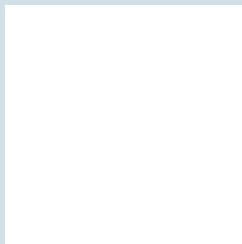
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2331, 72.5798, 85.3286

Background



This preview shows how black text looks on a background with the XYZ color 67.2331, 72.5798, 85.3286.



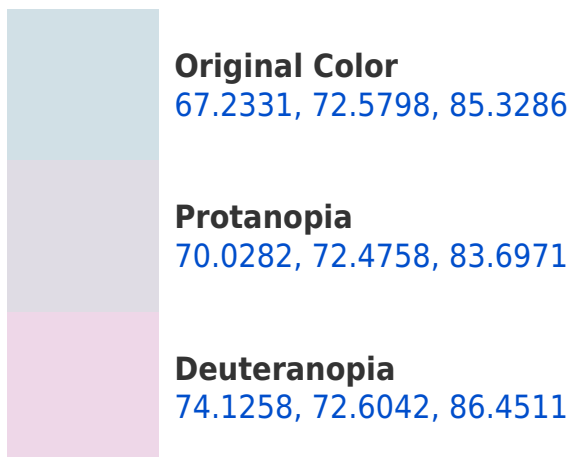
This preview shows how white text looks on a background with the XYZ color 67.2331, 72.5798,

85.3286.

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

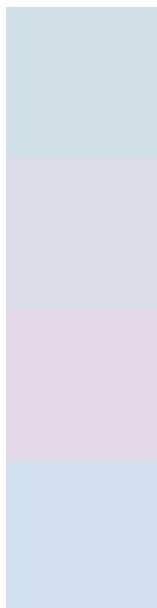




Tritanopia

68.7134, 72.3827, 92.7877

Trichromacy



Original Color

67.2331, 72.5798, 85.3286

Protanomaly

68.9128, 72.2755, 84.4472

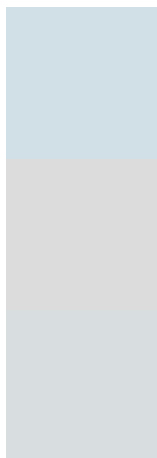
Deuteranomaly

71.1738, 72.2432, 85.7944

Tritanomaly

68.1063, 72.5331, 89.7676

Monochromacy



Original Color

67.2331, 72.5798, 85.3286

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6299, 71.6937, 80.7948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2331, 72.5798, 85.3286 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(209, 224, 230) looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 230)  
}
```

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(209, 224, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 230) }
```

Border

The CSS property to change the border of an element to XYZ 67.2331, 72.5798, 85.3286 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(209, 224, 230) }
```


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

```
.border{ border-color:rgb(209, 224, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 230);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2331, 72.5798, 85.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 230) }
```

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

```
.background{ background-color: rgb(209,  
224, 230) }
```

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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