

Converting Colors

XYZ(69.0408, 73.9947, 83.9682)

Have a look what the booklet for
XYZ(69.0408, 73.9947, 83.9682)
contains.

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Color

**XYZ(68.9531, 73.8989,
84.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E1E4
RGB	215, 225, 228
RGB Percent	84%, 88%, 89%
CMY	0.1569, 0.1176, 0.1059
CMYK	0.06, 0.01, 0.00, 0.11
HSL	194°, 19%, 87%
HSV	194°, 6%, 89%
XYZ	68.9531, 73.8989, 84.0285
YIQ	222.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

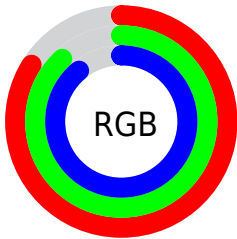
Format	Color
R _Y B	215, 221, 228
Decimal	14148068
CIE Lab	88.87, -2.77, -2.63
CIE LCh	89, 3.825, 223.486
Yxy	73.8989, 0.3039, 0.3257
Android (android.graphics.Color)	4292338148 (0xFFD7E1E4)
YUV	222.3520, 2.7845, -6.4477
Hunter-Lab	85.9645, -7.2609, 2.2204

Details

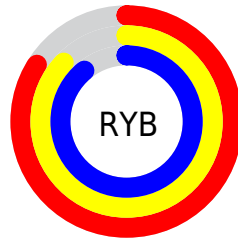
The XYZ color **68.9531, 73.8989, 84.0285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3323, 71.5425, 74.4460**, and the grayscale version is **69.6661, 73.2942, 79.8173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4148, 39.2402, 45.1900** is the 20% darker color. If you saturate the color by 10%, you get **61.3206, 67.8894, 83.2720**, and if you desaturate by 10%, it is **77.5666, 80.4831, 84.8465**.

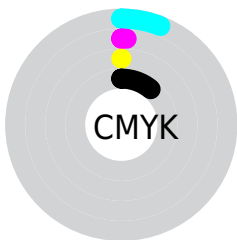
Distribution



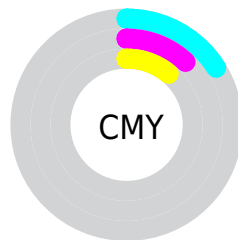
- Red (84%)
- Green (88%)
- Blue (89%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9531, 73.8989, 84.0285 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 68.9531, 73.8989, 84.0285 by changing the saturation by 10% instead.

■ 68.9531, 73.8989,
84.0285

■ 68.9531, 73.8989,
84.0285

446.1895,
474.1244, 528.4684

■ 50.9500, 54.7113,
62.4934

116.7490,
124.7525, 140.8771

■ 36.3897, 39.1706,
44.9932

147.2726,
157.1872, 177.0278

■ 24.9068, 26.8925,
31.1091

182.7003,
194.8065, 218.8874

■ 16.1360, 17.4925,
20.4228

223.3976,
237.9947, 266.8744

■ 9.7119, 10.5862,
12.5156

269.7298,
287.1362, 321.4075

■ 5.2692, 5.7894,
6.9691

322.0623,

■ 2.4424, 2.7174,

342.6154, 382.9052

3.3646

380.7604,
404.8166, 451.7860

■ 0.8663, 0.9860,
1.2837

■ 0.0000, 0.0000,
0.0484

■ 68.9531, 73.8989,
84.0285

■ 68.9531, 73.8989,
84.0285

■ 61.3206, 67.8894,
83.2720

■ 77.5666, 80.4831,
84.8465

■ 54.6241, 62.4247,
82.5701

■ 85.1001, 86.5741,
85.6251

■ 48.8241, 57.4860,
81.9225

■ 86.6315, 89.6368,
86.1356

■ 43.8762, 53.0497,
81.3270

■ 88.2077, 92.7893,
86.6610

■ 39.7316, 49.0901,
80.7812

■ 89.8292, 96.0323,
87.2015

■ 36.3368, 45.5789,
80.2824

■ 91.0038, 98.3815,
87.5931

■ 33.6310, 42.4844,
79.8277

■ 31.5439, 39.7695,
79.4137

■ 29.9885, 37.3888,
79.0361

Harmonies

Analogous

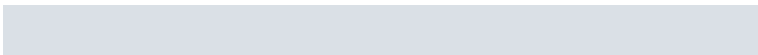
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.5192, 73.8989, 81.6600



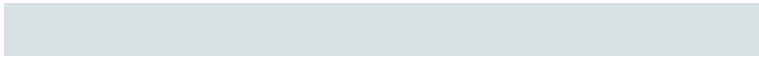
68.9531, 73.8989, 84.0285



69.7331, 73.8989, 85.4586

Triad

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



68.9531, 73.8989, 84.0285



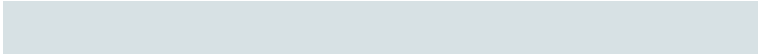
71.9619, 73.8989, 81.9234



69.8237, 73.8989, 75.5997

Complementary

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



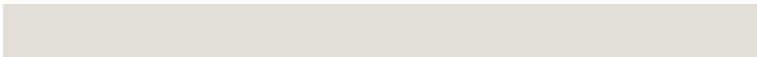
68.9531, 73.8989, 84.0285



69.3323, 71.5425, 74.4460

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.



70.7467, 73.8989, 75.6667



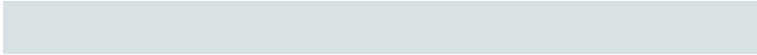
68.9531, 73.8989, 84.0285



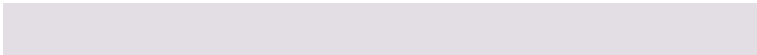
71.9867, 73.8989, 79.2785

Square

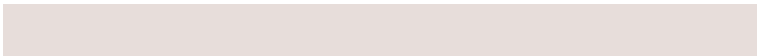
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9531, 73.8989, 84.0285



71.4728, 73.8989, 84.2250



71.5402, 73.8989, 77.0005



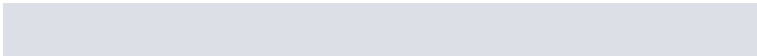
69.0189, 73.8989, 76.8154

Rectangle

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



68.9531, 73.8989, 84.0285



70.3472, 73.8989, 85.6681



71.5402, 73.8989, 77.0005



70.1303, 73.8989, 75.4738

Sweetspot

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



68.9552, 73.9020, 84.0301



92.8246, 98.2978, 108.6887



68.3998, 74.9874, 77.0740



19.8916, 21.0577, 23.2661



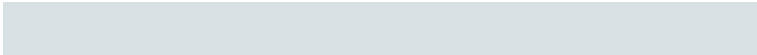
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

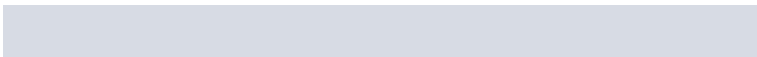
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9552, 73.9020, 84.0301



87.4866, 94.1733, 108.1740



67.2780, 70.5476, 83.4711



14.8374, 15.9987, 18.4504



17.0825, 21.2272, 45.5801



1.3311, 1.7062, 3.3911

Inverse Universe

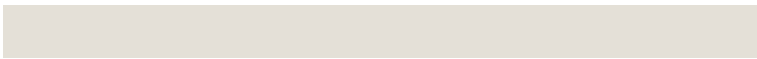
The Inverse Universe completely reimagines the original color for something new.



69.8876, 70.5325, 81.1685



88.9622, 88.8731, 103.6377



71.0026, 74.8832, 75.0027



15.1073, 15.0316, 17.6201



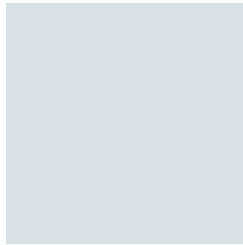
23.0160, 11.3406, 24.7769



1.7355, 0.8519, 2.0137

Previews

White Background



This preview shows how the XYZ color 68.9531, 73.8989, 84.0285 looks on a white background.

Color Contrast Check

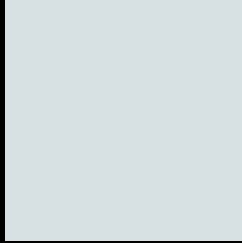
Large Text (above 18pt) WCAG AA × Fail

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 68.9531, 73.8989, 84.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

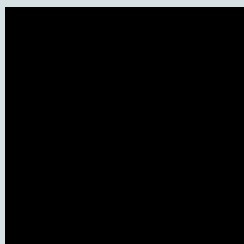
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

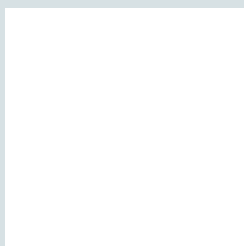
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9531, 73.8989, 84.0285

Background



This preview shows how black text looks on a background with the XYZ color 68.9531, 73.8989, 84.0285.

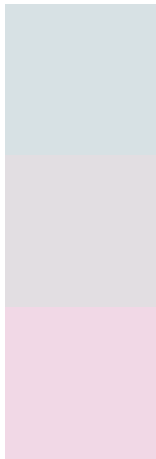


This preview shows how white text looks on a background with the XYZ color 68.9531, 73.8989,

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

68.9531, 73.8989, 84.0285

Protanopia

71.2128, 73.9023, 82.4628

Deuteranopia

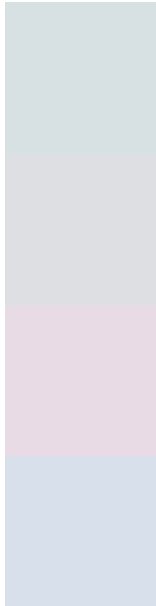
75.1144, 73.5257, 85.0958



Tritanopia

70.8801, 73.8779, 93.7432

Trichromacy



Original Color

68.9531, 73.8989, 84.0285

Protanomaly

70.3770, 73.8510, 83.2184

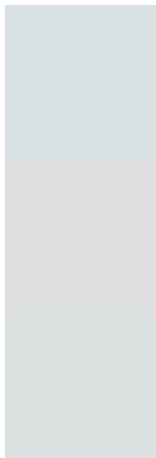
Deuteranomaly

72.7531, 73.4760, 84.4765

Tritanomaly

70.1149, 73.9664, 89.9384

Monochromacy



Original Color

68.9531, 73.8989, 84.0285

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0556, 73.2172, 81.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9531, 73.8989, 84.0285 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(215, 225, 228) looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 228)  
}
```

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(215, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 228) }
```

Border

The CSS property to change the border of an element to XYZ 68.9531, 73.8989, 84.0285 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(215, 225, 228) }
```


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

```
.border{ border-color:rgb(215, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9531, 73.8989, 84.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 228) }
```

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

```
.background{ background-color: rgb(215,  
225, 228) }
```

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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