

Converting Colors

XYZ(69.7109, 73.4103, 87.5862)

Have a look what the booklet for
XYZ(69.7109, 73.4103, 87.5862)
contains.

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Color

**XYZ(69.7109, 73.4103,
87.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DFE9
RGB	217, 223, 233
RGB Percent	85%, 87%, 91%
CMY	0.1490, 0.1255, 0.0863
CMYK	0.07, 0.04, 0.00, 0.09
HSL	217°, 27%, 88%
HSV	217°, 7%, 91%
XYZ	69.7109, 73.4103, 87.5862
YIQ	222.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

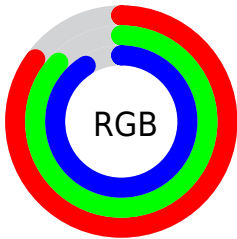
Format	Color
R _Y B	217, 221, 233
Decimal	14278633
CIE Lab	88.64, -0.14, -5.58
CIE LCh	89, 5.586, 268.599
Yxy	73.4103, 0.3022, 0.3182
Android (android.graphics.Color)	4292468713 (0xFFD9DFE9)
YUV	222.3460, 5.2524, -4.6884
Hunter-Lab	85.6798, -4.7083, -0.6333

Details

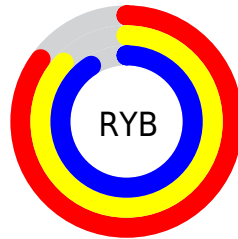
The XYZ color **69.7109, 73.4103, 87.5862** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5978, 77.2707, 76.6825**, and the grayscale version is **69.6449, 73.2719, 79.7931**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8387, 38.8610, 47.1543** is the 20% darker color. If you saturate the color by 10%, you get **59.5451, 62.6437, 86.0450**, and if you desaturate by 10%, it is **81.1932, 85.3560, 89.2879**.

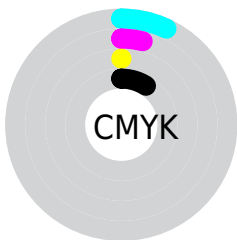
Distribution



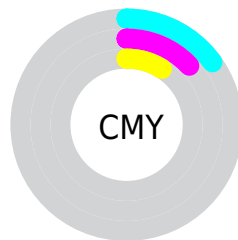
- Red (85%)
- Green (87%)
- Blue (91%)



- Red (85%)
- Yellow (87%)
- Blue (91%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7109, 73.4103, 87.5862 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 69.7109, 73.4103, 87.5862 by changing the saturation by 10% instead.

■ 69.7109, 73.4103,
87.5862

■ 69.7109, 73.4103,
87.5862

448.8165,
472.4356, 540.5133

■ 51.5696, 54.3115,
65.4180

117.8249,
124.0595, 145.8870

■ 36.8850, 38.8508,
47.3466

148.5283,
156.3787, 182.8567

■ 25.2918, 26.6437,
32.9535

184.1499,
193.8736, 225.5973

■ 16.4244, 17.3058,
21.8200

225.0549,
236.9284, 274.5274

■ 9.9177, 10.4527,
13.5276

271.6087,
285.9276, 330.0655

■ 5.4063, 5.7002,
7.6579

324.1767,

■ 2.5248, 2.6636,

341.2556, 392.6302

3.7922

383.1242,
403.2968, 462.6399

■ 0.9078, 0.9588,
1.5121

■ 0.0000, 0.0000,
0.2269

■ 69.7109, 73.4103,
87.5862

■ 69.7109, 73.4103,
87.5862

■ 59.5451, 62.6437,
86.0450

■ 81.1932, 85.3560,
89.2879

■ 50.6402, 53.0091,
84.6546

■ 90.7962, 96.8393,
90.9983

■ 42.9460, 44.4698,
83.4119

■ 91.7082, 98.6633,
91.3023

■ 36.4065, 36.9833,
82.3115

■ 30.9607, 30.5040,
81.3479

■ 26.5416, 24.9827,
80.5151

■ 23.0743, 20.3651,
79.8066

■ 20.4720, 16.5897,
79.2150

■ 18.6259, 13.5830,
78.7320

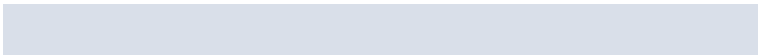
Harmonies

Analogous

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



68.4322, 73.4103, 86.4378



69.7109, 73.4103, 87.5862



71.0226, 73.4103, 86.6292

Triad

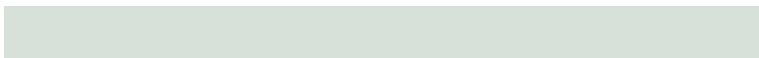
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7109, 73.4103, 87.5862



72.0754, 73.4103, 76.4297



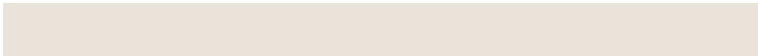
67.5847, 73.4103, 76.1248

Complementary

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



69.7109, 73.4103, 87.5862



73.5978, 77.2707, 76.6825

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.



68.5406, 73.4103, 73.5879



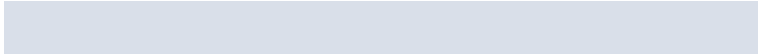
69.7109, 73.4103, 87.5862



71.1338, 73.4103, 73.7599

Square

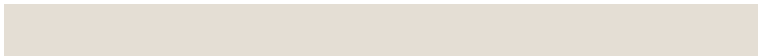
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7109, 73.4103, 87.5862



72.3983, 73.4103, 80.1131



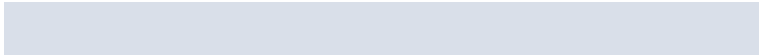
69.8377, 73.4103, 72.7360



67.2144, 73.4103, 79.7499

Rectangle

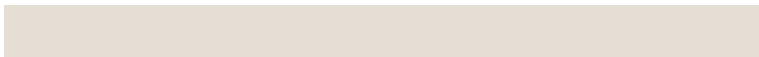
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7109, 73.4103, 87.5862



71.7371, 73.4103, 84.9429



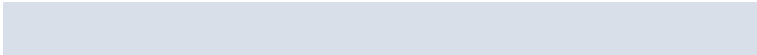
69.8377, 73.4103, 72.7360



67.8476, 73.4103, 75.1209

Sweetspot

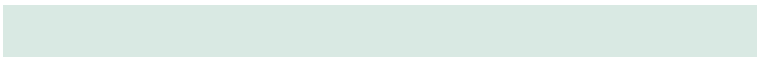
The Sweet Spot groups the original color and five complimentary colors.



69.7130, 73.4134, 87.5878



92.1904, 97.0294, 108.4773



71.6020, 78.5694, 83.9693



19.7625, 20.7995, 23.2231



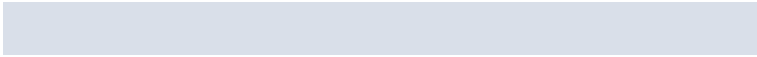
0.0000, 0.0000, 0.0000



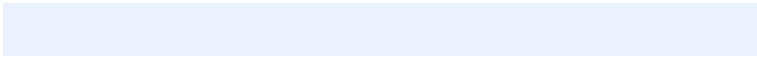
20.3446, 21.4041, 23.3091

Same Dimension

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



69.7130, 73.4134, 87.5878



84.0070, 88.4702, 107.2565



68.6953, 70.5495, 87.0887



14.6943, 15.4750, 19.1348



10.4089, 7.4647, 44.6352



0.9071, 0.7658, 3.5349

Inverse Universe

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



71.7380, 72.2784, 79.9859



86.8992, 86.8740, 96.3934



74.6625, 80.2999, 77.2110



15.2992, 15.1476, 16.8611



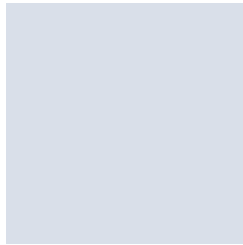
20.1092, 10.2464, 6.3764



1.6244, 0.8227, 0.7394

Previews

White Background



This preview shows how the XYZ color 69.7109, 73.4103, 87.5862 looks on a white background.

Color Contrast Check

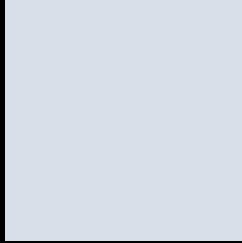
Large Text (above 18pt) WCAG AA × Fail

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 69.7109, 73.4103, 87.5862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

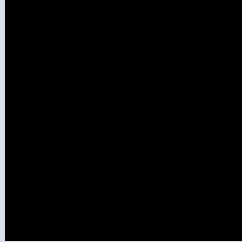
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

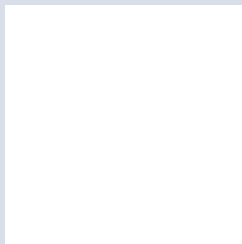
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7109, 73.4103, 87.5862

Background



This preview shows how black text looks on a background with the XYZ color 69.7109, 73.4103, 87.5862.

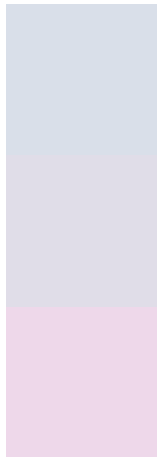


This preview shows how white text looks on a background with the XYZ color 69.7109, 73.4103,

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

69.7109, 73.4103, 87.5862

Protanopia

71.1624, 73.3864, 86.7583

Deuteranopia

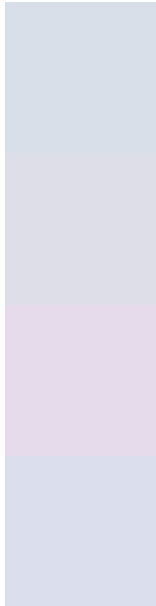
74.6670, 73.2294, 88.0412



Tritanopia

70.7629, 73.4392, 92.8837

Trichromacy



Original Color

69.7109, 73.4103, 87.5862

Protanomaly

70.5056, 73.4409, 86.8034

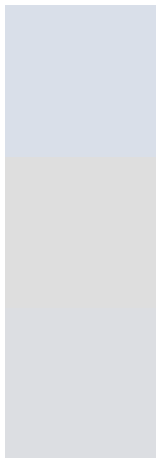
Deuteranomaly

72.8159, 73.4265, 88.1768

Tritanomaly

70.3208, 73.2624, 90.5555

Monochromacy



Original Color

69.7109, 73.4103, 87.5862

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3639, 72.9492, 82.3762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7109, 73.4103, 87.5862 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(217, 223, 233) looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 233)  
}
```

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(217, 223, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.7109, 73.4103, 87.5862 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(217, 223, 233) }
```


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

```
.border{ border-color:rgb(217, 223, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 223, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 223, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 223, 233); box-shadow:4px 4px 4px 4px rgb(217, 223, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7109, 73.4103, 87.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 233) }
```

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

```
.background{ background-color: rgb(217,  
223, 233) }
```

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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