

Converting Colors

XYZ(69.7427, 73.0312, 87.5114)

Have a look what the booklet for
XYZ(69.7427, 73.0312, 87.5114)
contains.

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Color

**XYZ(69.7427, 73.0312,
87.5114)**

Conversions

Conversions Part 1

Format	Color
Hex	DADEE9
RGB	218, 222, 233
RGB Percent	85%, 87%, 91%
CMY	0.1451, 0.1294, 0.0863
CMYK	0.06, 0.05, 0.00, 0.09
HSL	224°, 25%, 88%
HSV	224°, 6%, 91%
XYZ	69.7427, 73.0312, 87.5114
YIQ	222.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

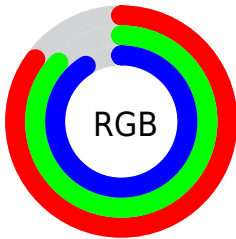
Format	Color
R _Y B	218, 221, 233
Decimal	14343913
CIE Lab	88.46, 0.71, -5.84
CIE LCh	88, 5.886, 276.925
Yxy	73.0312, 0.3029, 0.3171
Android (android.graphics.Color)	4292533993 (0xFFDADEE9)
YUV	222.0580, 5.3944, -3.5589
Hunter-Lab	85.4583, -3.8778, -0.8936

Details

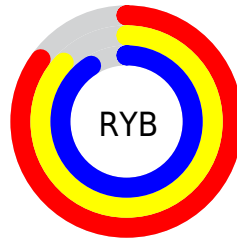
The XYZ color **69.7427, 73.0312, 87.5114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2787, 78.4235, 77.5532**, and the grayscale version is **69.4400, 73.0563, 79.5583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8588, 38.5983, 47.1025** is the 20% darker color. If you saturate the color by 10%, you get **58.9500, 61.0719, 85.7730**, and if you desaturate by 10%, it is **81.9788, 86.4209, 89.4521**.

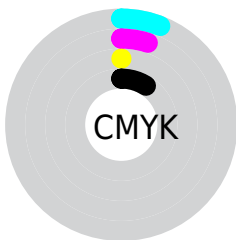
Distribution



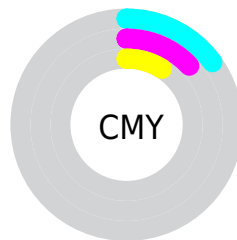
- Red (85%)
- Green (87%)
- Blue (91%)



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



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7427, 73.0312, 87.5114 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 69.7427, 73.0312, 87.5114 by changing the saturation by 10% instead.

■ 69.7427, 73.0312,
87.5114

■ 69.7427, 73.0312,
87.5114

448.9266,
471.1229, 540.2616

■ 51.5956, 54.0015,
65.3565

117.8700,
123.5215, 145.7819

■ 36.9058, 38.6028,
47.2970

148.5810,
155.7509, 182.7345

■ 25.3079, 26.4509,
32.9145

184.2107,
193.1489, 225.4568

■ 16.4366, 17.1613,
21.7904

225.1243,
236.1000, 274.3672

■ 9.9264, 10.3495,
13.5061

271.6874,
284.9886, 329.8844

■ 5.4121, 5.6313,
7.6432

324.2653,

■ 2.5282, 2.6222,

340.1990, 392.4268

3.7830

383.2232,
402.1156, 462.4131

■ 0.9095, 0.9379,
1.5071

■ 0.0000, 0.0000,
0.2232

■ 69.7427, 73.0312,
87.5114

■ 69.7427, 73.0312,
87.5114

■ 58.9500, 61.0719,
85.7730

■ 81.9788, 86.4209,
89.4521

■ 49.5400, 50.4856,
84.2256

■ 91.7082, 98.6633,
91.3023

■ 41.4571, 41.2244,
82.8640

■ 34.6395, 33.2340,
81.6810

■ 29.0200, 26.4564,
80.6690

■ 24.5251, 20.8286,
79.8196

■ 21.0727, 16.2814,
79.1239

■ 18.5680, 12.7370,
78.5718

■ 16.8958, 10.1043,
78.1517

Harmonies

Analogous

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



68.3525, 73.0312, 86.9086



69.7427, 73.0312, 87.5114



71.0622, 73.0312, 85.9150

Triad

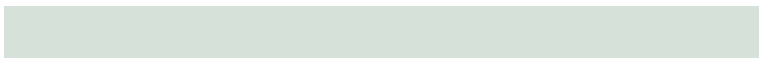
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7427, 73.0312, 87.5114



71.6129, 73.0312, 74.9263



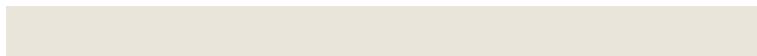
66.9396, 73.0312, 76.5021

Complementary

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



69.7427, 73.0312, 87.5114



74.2787, 78.4235, 77.5532

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.



67.7914, 73.0312, 73.4477



69.7427, 73.0312, 87.5114



70.4863, 73.0312, 72.5598

Square

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



69.7427, 73.0312, 87.5114



72.1514, 73.0312, 78.5823



69.0863, 73.0312, 72.0279



66.7466, 73.0312, 80.4623

Rectangle

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



69.7427, 73.0312, 87.5114



71.7201, 73.0312, 83.8494



69.0863, 73.0312, 72.0279



67.1578, 73.0312, 75.3395

Sweetspot

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



69.7448, 73.0343, 87.5130



92.0173, 96.6832, 108.4196



72.1615, 78.8277, 85.3590



19.7273, 20.7290, 23.2113



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.



69.7448, 73.0343, 87.5130



83.3523, 87.1607, 107.0383



69.6755, 71.4387, 87.2087



14.5582, 15.2029, 19.0894



9.4158, 5.4786, 44.3042



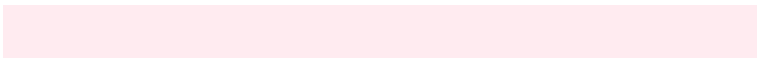
0.8163, 0.5841, 3.5046

Inverse Universe

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



71.8621, 72.7418, 79.3639



86.5688, 86.7418, 94.6532



74.3479, 80.1226, 77.8775



15.2306, 15.1201, 16.4994



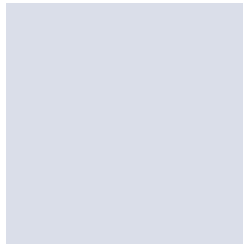
19.6080, 10.0459, 3.7369



1.5785, 0.8044, 0.4980

Previews

White Background



This preview shows how the XYZ color 69.7427, 73.0312, 87.5114 looks on a white background.

Color Contrast Check

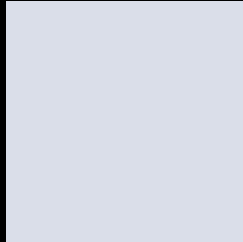
Large Text (above 18pt) WCAG AA × Fail

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 69.7427, 73.0312, 87.5114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

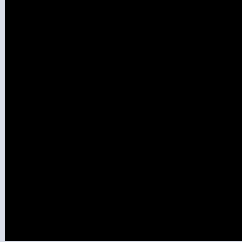
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7427, 73.0312, 87.5114

Background



This preview shows how black text looks on a background with the XYZ color 69.7427, 73.0312, 87.5114.

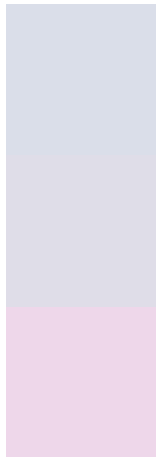


This preview shows how white text looks on a background with the XYZ color 69.7427, 73.0312,

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

69.7427, 73.0312, 87.5114

Protanopia

70.8534, 73.2271, 86.7438

Deuteranopia

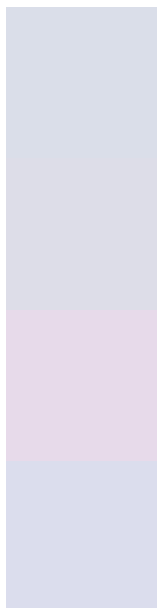
74.4116, 72.7185, 87.9561



Tritanopia

70.6499, 73.0050, 92.0291

Trichromacy



Original Color

69.7427, 73.0312, 87.5114

Protanomaly

70.2407, 72.9113, 86.7151

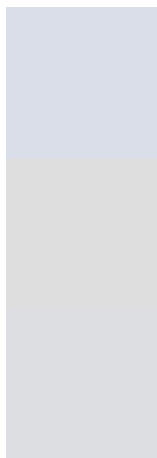
Deuteranomaly

72.8777, 73.0722, 88.1052

Tritanomaly

70.3559, 72.8874, 90.4813

Monochromacy



Original Color

69.7427, 73.0312, 87.5114

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6675, 73.1057, 82.3904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7427, 73.0312, 87.5114 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(218, 222, 233) looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 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(218, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.7427, 73.0312, 87.5114 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(218, 222, 233) }
```


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

```
.border{ border-color:rgb(218, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(218, 222,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7427, 73.0312, 87.5114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 222, 233) }
```

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

```
.background{ background-color: rgb(218,  
222, 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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