

Converting Colors

XYZ(69.5105, 73.7448, 87.4984)

Have a look what the booklet for
XYZ(69.5105, 73.7448, 87.4984)
contains.

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Color

**XYZ(69.3880, 73.6416,
87.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E0E9
RGB	215, 224, 233
RGB Percent	84%, 88%, 91%
CMY	0.1569, 0.1215, 0.0863
CMYK	0.08, 0.04, 0.00, 0.09
HSL	210°, 29%, 88%
HSV	210°, 8%, 91%
XYZ	69.3880, 73.6416, 87.6479
YIQ	222.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

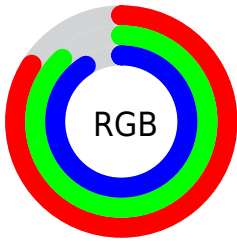
Format	Color
R _Y B	215, 221, 233
Decimal	14147817
CIE Lab	88.75, -1.31, -5.44
CIE LCh	89, 5.594, 256.487
Yxy	73.6416, 0.3008, 0.3192
Android (android.graphics.Color)	4292337897 (0xFFD7E0E9)
YUV	222.3350, 5.2578, -6.4328
Hunter-Lab	85.8147, -5.8442, -0.4863

Details

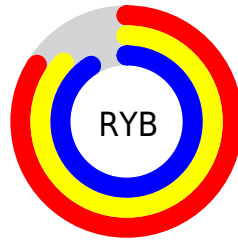
The XYZ color **69.3880, 73.6416, 87.6479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5260, 75.5407, 75.0496**, and the grayscale version is **69.6379, 73.2645, 79.7850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6210, 39.0238, 47.1972** is the 20% darker color. If you saturate the color by 10%, you get **60.0044, 64.3177, 86.3439**, and if you desaturate by 10%, it is **79.9646, 83.9028, 89.0722**.

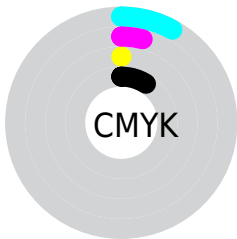
Distribution



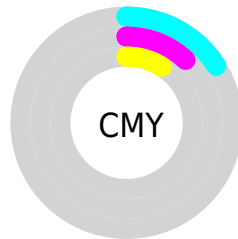
- Red (84%)
- Green (88%)
- Blue (91%)



- Red (84%)
- Yellow (87%)
- Blue (91%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3880, 73.6416, 87.6479 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 69.3880, 73.6416, 87.6479 by changing the saturation by 10% instead.

■ 69.3880, 73.6416,
87.6479

■ 69.3880, 73.6416,
87.6479

447.6982,
473.2355, 540.7209

■ 51.3056, 54.5008,
65.4688

117.3666,
124.3876, 145.9737

■ 36.6739, 39.0021,
47.3876

147.9935,
156.7616, 182.9575

■ 25.1276, 26.7614,
32.9856

183.5326,
194.3154, 225.7133

■ 16.3014, 17.3941,
21.8444

224.3492,
237.4334, 274.6596

■ 9.8299, 10.5159,
13.5454

270.8087,
286.5000, 330.2149

■ 5.3477, 5.7423,
7.6700

323.2765,

■ 2.4895, 2.6890,

341.8996, 392.7979

3.7998

382.1179,
404.0167, 462.8271

■ 0.8900, 0.9716,
1.5162

■ 0.0000, 0.0000,
0.2299

■ 69.3880, 73.6416,
87.6479

■ 69.3880, 73.6416,
87.6479

■ 60.0044, 64.3177,
86.3439

■ 79.9646, 83.9028,
89.0722

■ 51.7623, 55.8922,
85.1520

■ 89.2997, 93.8463,
90.4995

■ 44.6154, 48.3367,
84.0704

■ 91.7082, 98.6633,
91.3023

■ 38.5118, 41.6178,
83.0952

■ 33.3951, 35.6992,
82.2225

■ 29.2028, 30.5417,
81.4479

■ 25.8646, 26.1014,
80.7668

■ 23.2984, 22.3282,
80.1737

■ 21.3945, 19.1573,
79.6621

Harmonies

Analogous

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



68.2182, 73.6416, 85.7088



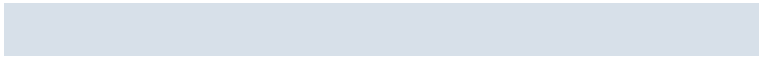
69.3880, 73.6416, 87.6479



70.7350, 73.6416, 87.5417

Triad

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



69.3880, 73.6416, 87.6479



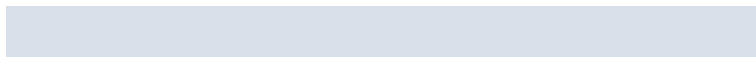
72.5185, 73.6416, 78.0872



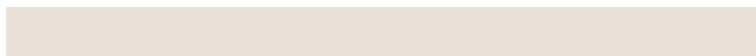
68.1243, 73.6416, 75.1619

Complementary

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



69.3880, 73.6416, 87.6479



72.5260, 75.5407, 75.0496

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.



69.2584, 73.6416, 73.2490



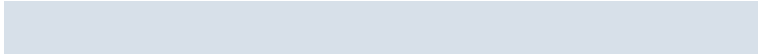
69.3880, 73.6416, 87.6479



71.8007, 73.6416, 74.9003

Square

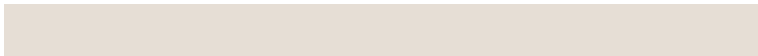
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3880, 73.6416, 87.6479



72.5542, 73.6416, 81.9368



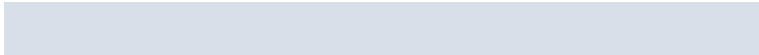
70.6038, 73.6416, 73.1548



67.4950, 73.6416, 78.4548

Rectangle

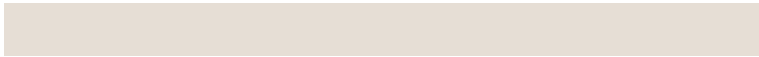
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3880, 73.6416, 87.6479



71.5525, 73.6416, 86.3238



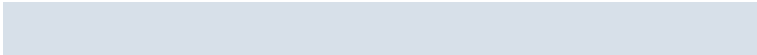
70.6038, 73.6416, 73.1548



68.4585, 73.6416, 74.3409

Sweetspot

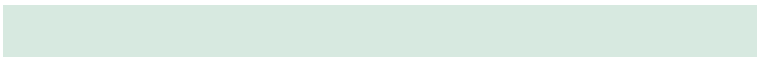
The Sweet Spot groups the original color and five complimentary colors.



69.3901, 73.6447, 87.6495



92.3907, 97.4299, 108.5441



70.5784, 78.0917, 81.6624



19.8033, 20.8810, 23.2366



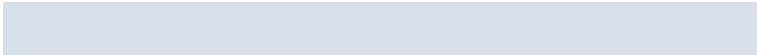
0.0000, 0.0000, 0.0000



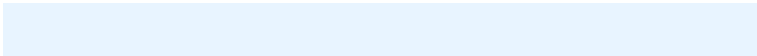
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3901, 73.6447, 87.6495



83.5542, 88.8026, 107.3446



67.1105, 69.0855, 86.8897



14.8537, 15.7938, 19.1879



12.0491, 10.7452, 45.1819



1.0424, 1.0362, 3.5799

Inverse Universe

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



71.3609, 71.3079, 80.5273



86.3684, 85.5045, 97.1656



74.9252, 80.3393, 75.8493



15.3797, 15.1797, 17.2848



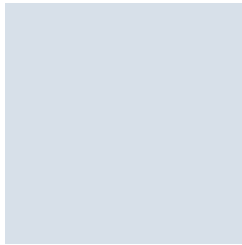
20.9371, 10.5775, 10.7362



1.6926, 0.8500, 1.0988

Previews

White Background



This preview shows how the XYZ color 69.3880, 73.6416, 87.6479 looks on a white background.

Color Contrast Check

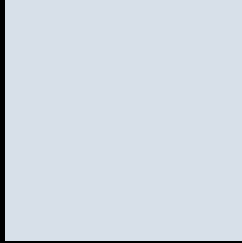
Large Text (above 18pt) WCAG AA × Fail

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 69.3880, 73.6416, 87.6479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

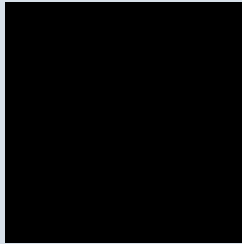
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

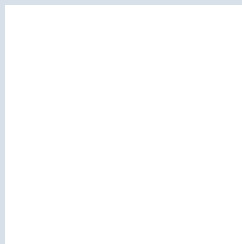
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3880, 73.6416, 87.6479

Background



This preview shows how black text looks on a background with the XYZ color 69.3880, 73.6416, 87.6479.

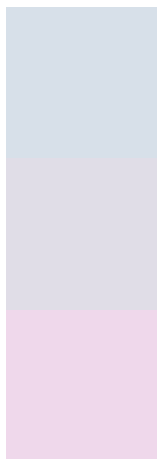


This preview shows how white text looks on a background with the XYZ color 69.3880, 73.6416,

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

69.3880, 73.6416, 87.6479

Protanopia

71.0207, 73.3297, 86.0122

Deuteranopia

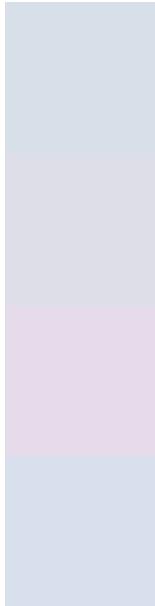
75.1479, 73.4606, 88.8159



Tritanopia

70.4348, 73.6656, 92.9446

Trichromacy



Original Color

69.3880, 73.6416, 87.6479

Protanomaly

70.5056, 73.4409, 86.8034

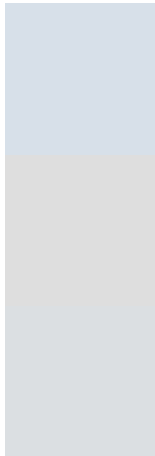
Deuteranomaly

72.8159, 73.4265, 88.1768

Tritanomaly

69.9926, 73.4887, 90.6165

Monochromacy



Original Color

69.3880, 73.6416, 87.6479

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3286, 73.3264, 82.4509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3880, 73.6416, 87.6479 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, 224, 233) looks like.

```
.text, #text, p{  
    color:rgb(215, 224, 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(215, 224, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 224, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.3880, 73.6416, 87.6479 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, 224, 233) }
```


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

```
.border{ border-color:rgb(215, 224, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 224, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 224, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 224, 233);  
box-shadow:4px 4px 4px 4px rgb(215, 224,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3880, 73.6416, 87.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 224, 233) }
```

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

```
.background{ background-color: rgb(215,  
224, 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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