

Converting Colors

XYZ(69.2428, 73.8446, 87.6625)

Have a look what the booklet for
XYZ(69.2428, 73.8446, 87.6625)
contains.

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Color

**XYZ(69.3648, 74.0298,
87.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E1E9
RGB	214, 225, 233
RGB Percent	84%, 88%, 91%
CMY	0.1608, 0.1176, 0.0863
CMYK	0.08, 0.03, 0.00, 0.09
HSL	205°, 30%, 88%
HSV	205°, 8%, 91%
XYZ	69.3648, 74.0298, 87.7241
YIQ	222.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

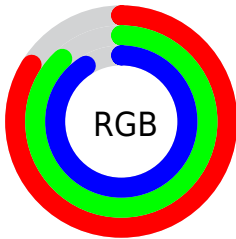
Format	Color
R _Y B	214, 221, 233
Decimal	14082537
CIE Lab	88.94, -2.15, -5.18
CIE LCh	89, 5.605, 247.451
Yxy	74.0298, 0.3001, 0.3203
Android (android.graphics.Color)	4292272617 (0xFFD6E1E9)
YUV	222.6230, 5.1159, -7.5624
Hunter-Lab	86.0406, -6.6666, -0.2217

Details

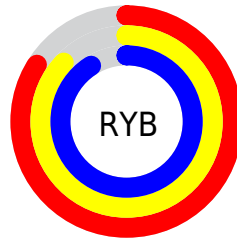
The XYZ color **69.3648, 74.0298, 87.7241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8635, 74.4208, 74.1967**, and the grayscale version is **69.8432, 73.4804, 80.0202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6086, 39.2947, 47.2501** is the 20% darker color. If you saturate the color by 10%, you get **60.4702, 65.6231, 86.5714**, and if you desaturate by 10%, it is **79.3887, 83.2487, 88.9764**.

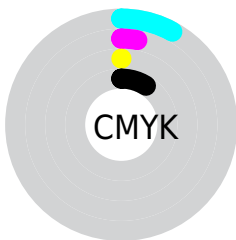
Distribution



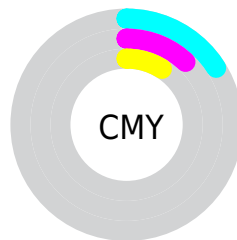
- Red (84%)
- Green (88%)
- Blue (91%)



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



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3648, 74.0298, 87.7241 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 69.3648, 74.0298, 87.7241 by changing the saturation by 10% instead.

■ 69.3648, 74.0298,
87.7241

■ 69.3648, 74.0298,
87.7241

447.6178,
474.5762, 540.9772

■ 51.2866, 54.8184,
65.5316

117.3337,
124.9381, 146.0807

■ 36.6587, 39.2564,
47.4382

147.9551,
157.4037, 183.0819

■ 25.1158, 26.9592,
33.0253

183.4882,
195.0563, 225.8564

■ 16.2926, 17.5426,
21.8746

224.2985,
238.2801, 274.8227

■ 9.8236, 10.6221,
13.5673

270.7512,
287.4596, 330.3994

■ 5.3435, 5.8133,
7.6851

323.2118,

■ 2.4870, 2.7319,

342.9792, 393.0050

3.8092

382.0455,
405.2233, 463.0581

■ 0.8887, 0.9934,
1.5213

■ 0.0000, 0.0000,
0.2337

■ 69.3648, 74.0298,
87.7241

■ 69.3648, 74.0298,
87.7241

■ 60.4702, 65.6231,
86.5714

■ 79.3887, 83.2487,
88.9764

■ 52.6548, 57.9931,
85.5106

■ 88.4852, 92.2172,
90.2280

■ 45.8742, 51.1149,
84.5403

■ 91.5249, 98.2967,
91.2413

■ 40.0780, 44.9588,
83.6576

■ 91.7082, 98.6633,
91.3024

■ 35.2115, 39.4923,
82.8589

■ 31.2142, 34.6801,
82.1407

■ 28.0174, 30.4824,
81.4990

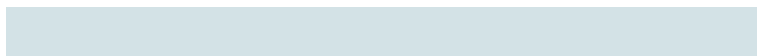
■ 25.5406, 26.8534,
80.9291

■ 23.6718, 23.7305,
80.4248

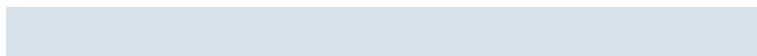
Harmonies

Analogous

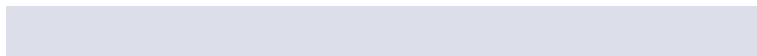
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3069, 74.0298, 85.2474



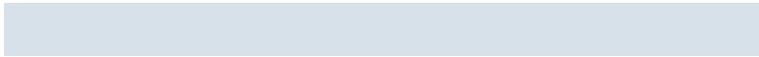
69.3648, 74.0298, 87.7241



70.7028, 74.0298, 88.2642

Triad

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



69.3648, 74.0298, 87.7241



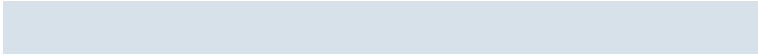
72.9887, 74.0298, 79.6384



68.7845, 74.0298, 74.8039

Complementary

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



69.3648, 74.0298, 87.7241



71.8635, 74.4208, 74.1967

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.



70.0245, 74.0298, 73.4038



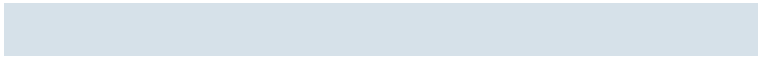
69.3648, 74.0298, 87.7241



72.4601, 74.0298, 76.1360

Square

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



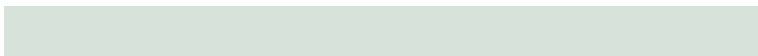
69.3648, 74.0298, 87.7241



72.8066, 74.0298, 83.5128



71.3709, 74.0298, 73.8835



67.9749, 74.0298, 77.7672

Rectangle

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



69.3648, 74.0298, 87.7241



71.5758, 74.0298, 87.4380



71.3709, 74.0298, 73.8835



69.1642, 74.0298, 74.1393

Sweetspot

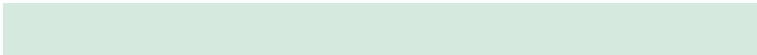
The Sweet Spot groups the original color and five complimentary colors.



69.3669, 74.0329, 87.7257



92.5176, 97.6836, 108.5864



70.0454, 77.8447, 80.3837



19.8291, 20.9327, 23.2453



0.0000, 0.0000, 0.0000



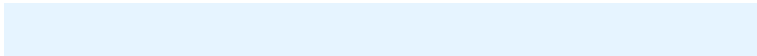
20.3446, 21.4041, 23.3091

Same Dimension

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



69.3669, 74.0329, 87.7257



82.9542, 88.8230, 107.3801



66.8901, 69.0792, 86.9001



14.9558, 15.9980, 19.2219



13.3820, 13.4110, 45.6262



1.1456, 1.2427, 3.6144

Inverse Universe

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



71.2432, 70.8546, 81.1592



85.7677, 84.1237, 97.5182



74.4358, 79.5653, 75.0541



15.4312, 15.2003, 17.5561



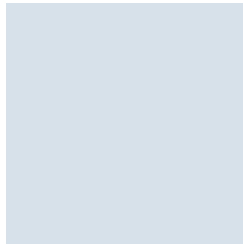
21.6099, 10.8467, 14.2790



1.7448, 0.8709, 1.3733

Previews

White Background



This preview shows how the XYZ color 69.3648, 74.0298, 87.7241 looks on a white background.

Color Contrast Check

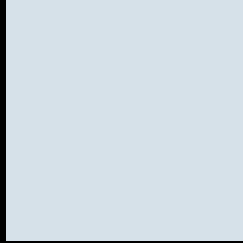
Large Text (above 18pt) WCAG AA × Fail

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 69.3648, 74.0298, 87.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

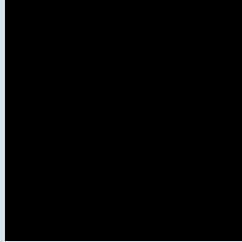
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

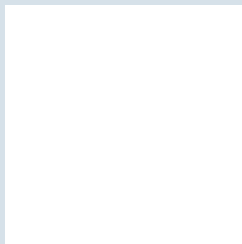
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3648, 74.0298, 87.7241

Background



This preview shows how black text looks on a background with the XYZ color 69.3648, 74.0298, 87.7241.

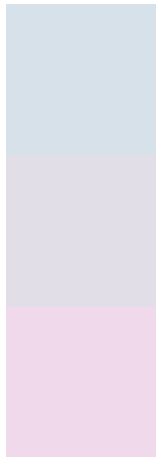


This preview shows how white text looks on a background with the XYZ color 69.3648, 74.0298,

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

69.3648, 74.0298, 87.7241

Protanopia

71.5964, 74.0196, 86.1150

Deuteranopia

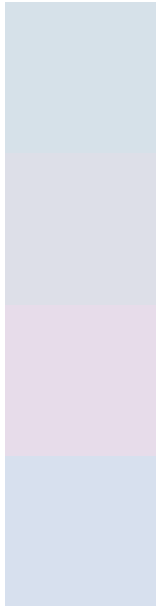
75.7434, 74.1491, 88.9174



Tritanopia

70.5572, 74.1093, 93.8048

Trichromacy



Original Color

69.3648, 74.0298, 87.7241

Protanomaly

70.7720, 73.9737, 86.8922

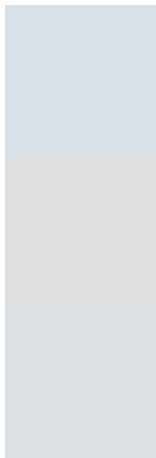
Deuteranomaly

73.3995, 74.1158, 88.2791

Tritanomaly

70.1126, 73.9314, 91.4638

Monochromacy



Original Color

69.3648, 74.0298, 87.7241

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0360, 74.0730, 83.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3648, 74.0298, 87.7241 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(214, 225, 233) looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 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(214, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 233) }
```

Border

The CSS property to change the border of an element to XYZ 69.3648, 74.0298, 87.7241 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(214, 225, 233) }
```


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

```
.border{ border-color:rgb(214, 225, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(214, 225,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3648, 74.0298, 87.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 233) }
```

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

```
.background{ background-color: rgb(214,  
225, 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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