

Converting Colors

XYZ(69.3281, 73.5197, 85.9484)

Have a look what the booklet for
XYZ(69.3281, 73.5197, 85.9484)
contains.

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Color

**XYZ(69.3984, 73.6798,
86.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E0E7
RGB	216, 224, 231
RGB Percent	85%, 88%, 91%
CMY	0.1529, 0.1215, 0.0941
CMYK	0.06, 0.03, 0.00, 0.09
HSL	208°, 24%, 88%
HSV	208°, 6%, 91%
XYZ	69.3984, 73.6798, 86.1652
YIQ	222.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

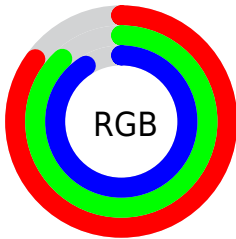
Format	Color
R_{YB}	216, 221, 231
Decimal	14213351
CIE _{Lab}	88.77, -1.36, -4.35
CIE _{LCh}	89, 4.561, 252.617
Y _{xy}	73.6798, 0.3027, 0.3214
Android (android.graphics.Color)	4292403431 (0xFFD8E0E7)
Y _{UV}	222.4060, 4.2368, -5.6181
Hunter-Lab	85.8369, -5.8990, 0.5691

Details

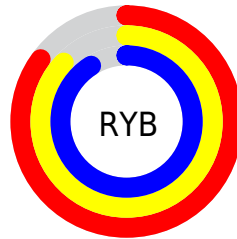
The XYZ color **69.3984, 73.6798, 86.1652** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7376, 74.7215, 75.6088**, and the grayscale version is **69.6945, 73.3240, 79.8499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6238, 39.0481, 46.1642** is the 20% darker color. If you saturate the color by 10%, you get **60.2436, 64.7987, 84.9346**, and if you desaturate by 10%, it is **79.7004, 83.4288, 87.5051**.

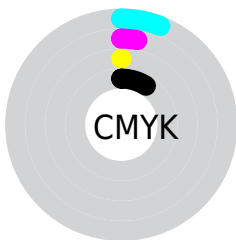
Distribution



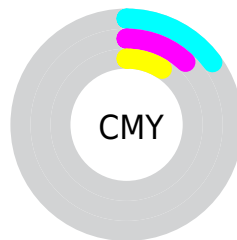
- Red (85%)
- Green (88%)
- Blue (91%)



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



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3984, 73.6798, 86.1652 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 69.3984, 73.6798, 86.1652 by changing the saturation by 10% instead.

■ 69.3984, 73.6798,
86.1652

■ 69.3984, 73.6798,
86.1652

447.7343,
473.3675, 535.7206

■ 51.3141, 54.5320,
64.2489

117.3814,
124.4418, 143.8886

■ 36.6807, 39.0272,
46.4048

148.0107,
156.8248, 180.5328

■ 25.1329, 26.7809,
32.2144

183.5525,
194.3883, 222.9233

■ 16.3053, 17.4087,
21.2592

224.3719,
237.5167, 271.4788

■ 9.8327, 10.5263,
13.1205

270.8345,
286.5945, 326.6177

■ 5.3496, 5.7493,
7.3799

323.3055,

■ 2.4907, 2.6932,

342.0059, 388.7586

3.6188

382.1503,
404.1355, 458.3201

■ 0.8905, 0.9738,
1.4186

■ 0.0000, 0.0000,
0.1562

■ 69.3984, 73.6798,
86.1652

■ 69.3984, 73.6798,
86.1652

■ 60.2436, 64.7987,
84.9346

■ 79.7004, 83.4288,
87.5051

■ 52.1864, 56.7489,
83.8055

■ 88.4844, 92.6705,
88.8260

■ 45.1829, 49.5045,
82.7763

■ 91.4240, 98.5496,
89.8058

■ 39.1836, 43.0348,
81.8437

■ 34.1346, 37.3065,
81.0042

■ 29.9767, 32.2834,
80.2538

■ 26.6430, 27.9252,
79.5883

■ 24.0561, 24.1859,
79.0029

■ 22.1191, 21.0092,
78.4918

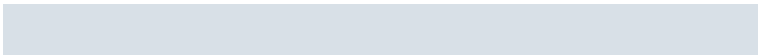
Harmonies

Analogous

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



68.4805, 73.6798, 84.4103



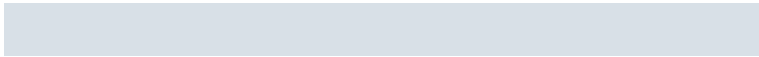
69.3984, 73.6798, 86.1652



70.4950, 73.6798, 86.3025

Triad

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



69.3984, 73.6798, 86.1652



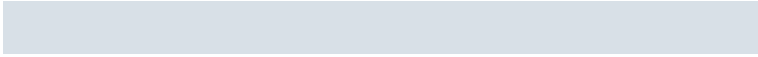
72.1216, 73.6798, 78.9047



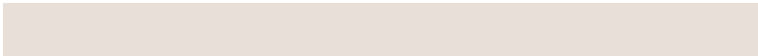
68.6035, 73.6798, 75.8352

Complementary

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



69.3984, 73.6798, 86.1652



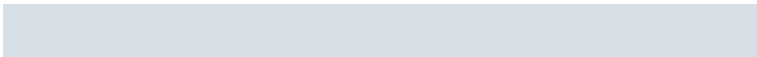
71.7376, 74.7215, 75.6088

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.



69.5680, 73.6798, 74.4394



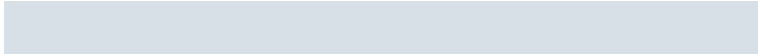
69.3984, 73.6798, 86.1652



71.6036, 73.6798, 76.1800

Square

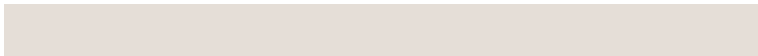
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3984, 73.6798, 86.1652



72.0751, 73.6798, 82.0541



70.6663, 73.6798, 74.5639



68.0249, 73.6798, 78.4229

Rectangle

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



69.3984, 73.6798, 86.1652



71.1804, 73.6798, 85.4531



70.6663, 73.6798, 74.5639



68.8929, 73.6798, 75.2142

Sweetspot

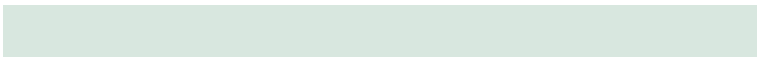
The Sweet Spot groups the original color and five complimentary colors.



69.4005, 73.6829, 86.1668



92.4443, 97.5371, 108.5620



70.1816, 77.0662, 80.8130



19.8142, 20.9029, 23.2403



0.0000, 0.0000, 0.0000



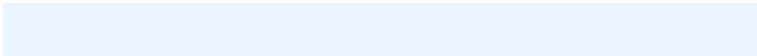
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4005, 73.6829, 86.1668



84.9783, 90.4127, 107.5803



67.4924, 69.8667, 85.5308



14.2164, 15.1542, 18.3201



12.2002, 11.4625, 43.9526



0.9944, 1.0326, 3.2789

Inverse Universe

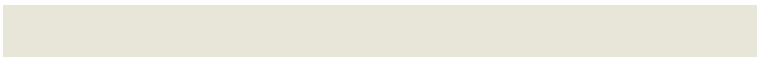
The Inverse Universe completely reimagines the original color for something new.



70.9671, 71.4840, 80.5821



87.3895, 87.0701, 98.9750



73.7172, 78.6808, 76.2686



14.6968, 14.4959, 16.6039



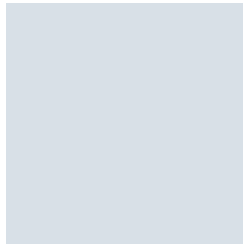
20.5516, 10.3549, 11.7997



1.5655, 0.7839, 1.1186

Previews

White Background



This preview shows how the XYZ color 69.3984, 73.6798, 86.1652 looks on a white background.

Color Contrast Check

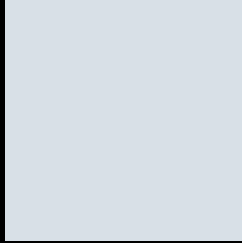
Large Text (above 18pt) WCAG AA × Fail

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 69.3984, 73.6798, 86.1652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

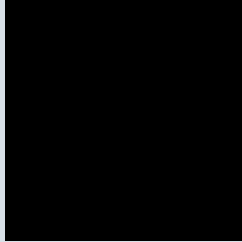
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

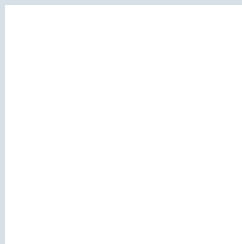
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.3984, 73.6798, 86.1652

Background



This preview shows how black text looks on a background with the XYZ color 69.3984, 73.6798, 86.1652.

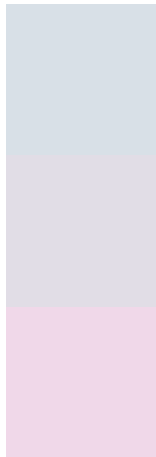


This preview shows how white text looks on a background with the XYZ color 69.3984, 73.6798,

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

69.3984, 73.6798, 86.1652

Protanopia

71.1907, 73.4336, 85.2849

Deuteranopia

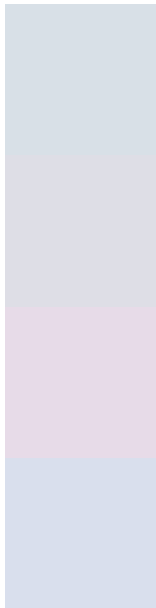
75.1990, 73.5202, 87.3182



Tritanopia

71.0293, 73.9720, 92.9725

Trichromacy



Original Color

69.3984, 73.6798, 86.1652

Protanomaly

70.5284, 73.4853, 85.3298

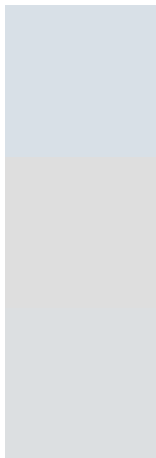
Deuteranomaly

72.8520, 73.4782, 86.6869

Tritanomaly

70.2890, 73.6415, 90.6304

Monochromacy



Original Color

69.3984, 73.6798, 86.1652

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4935, 73.4272, 81.7443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3984, 73.6798, 86.1652 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(216, 224, 231) looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 231)  
}
```

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(216, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 231) }
```

Border

The CSS property to change the border of an element to XYZ 69.3984, 73.6798, 86.1652 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(216, 224, 231) }
```


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

```
.border{ border-color:rgb(216, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 224, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 224, 231); box-shadow:4px 4px 4px 4px rgb(216, 224, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3984, 73.6798, 86.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 231) }
```

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

```
.background{ background-color: rgb(216,  
224, 231) }
```

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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