

Converting Colors

XYZ(69.4697, 74.1463, 87.0324)

Have a look what the booklet for
XYZ(69.4697, 74.1463, 87.0324)
contains.

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Color

**XYZ(69.5150, 74.1237,
86.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E1E8
RGB	215, 225, 232
RGB Percent	84%, 88%, 91%
CMY	0.1569, 0.1176, 0.0902
CMYK	0.07, 0.03, 0.00, 0.09
HSL	205°, 27%, 88%
HSV	205°, 7%, 91%
XYZ	69.5150, 74.1237, 86.9874
YIQ	222.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

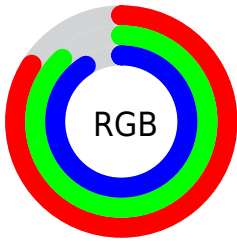
Format	Color
R _Y B	215, 221, 232
Decimal	14148072
CIE Lab	88.98, -2.02, -4.58
CIE LCh	89, 5.002, 246.232
Yxy	74.1237, 0.3014, 0.3214
Android (android.graphics.Color)	4292338152 (0xFFD7E1E8)
YUV	222.8080, 4.5317, -6.8476
Hunter-Lab	86.0951, -6.5418, 0.3621

Details

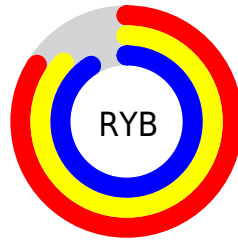
The XYZ color **69.5150, 74.1237, 86.9874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6659, 74.3040, 74.8560**, and the grayscale version is **69.9778, 73.6221, 80.1745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7084, 39.3576, 46.7363** is the 20% darker color. If you saturate the color by 10%, you get **60.6707, 65.8408, 85.8559**, and if you desaturate by 10%, it is **79.4740, 83.1996, 88.2155**.

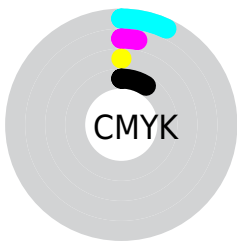
Distribution



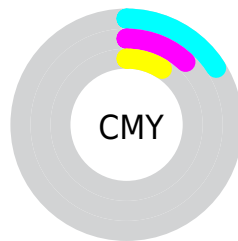
- Red (84%)
- Green (88%)
- Blue (91%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5150, 74.1237, 86.9874 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 69.5150, 74.1237, 86.9874 by changing the saturation by 10% instead.

■ 69.5150, 74.1237,
86.9874

■ 69.5150, 74.1237,
86.9874

448.1383,
474.9002, 538.4966

■ 51.4094, 54.8953,
64.9252

117.5469,
125.0711, 145.0453

■ 36.7569, 39.3179,
46.9495

148.2039,
157.5590, 181.8781

■ 25.1921, 27.0071,
32.6417

183.7754,
195.2354, 224.4715

■ 16.3498, 17.5786,
21.5832

224.6268,
238.4848, 273.2440

■ 9.8644, 10.6478,
13.3556

271.1235,
287.6916, 328.6143

■ 5.3707, 5.8306,
7.5403

323.6307,

■ 2.5034, 2.7423,

343.2401, 391.0008

3.7187

382.5138,
405.5149, 460.8220

■ 0.8969, 0.9987,
1.4723

■ 0.0000, 0.0000,
0.1972

■ 69.5150, 74.1237,
86.9874

■ 69.5150, 74.1237,
86.9874

■ 60.6707, 65.8408,
85.8559

■ 79.4740, 83.1996,
88.2155

■ 52.8919, 58.3160,
84.8135

■ 88.1869, 91.8487,
89.4257

■ 46.1350, 51.5254,
83.8589

■ 91.1364, 97.7477,
90.4089

■ 40.3509, 45.4398,
82.9891

■ 91.5657, 98.6063,
90.5520

■ 35.4858, 40.0279,
82.2009

■ 31.4807, 35.2553,
81.4908

■ 28.2686, 31.0836,
80.8549

■ 25.7712, 27.4683,
80.2887

■ 23.8864, 24.3524,
79.7866

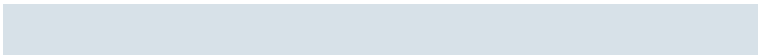
Harmonies

Analogous

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



68.5847, 74.1237, 84.7276



69.5150, 74.1237, 86.9874



70.7063, 74.1237, 87.5435

Triad

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



69.5150, 74.1237, 86.9874



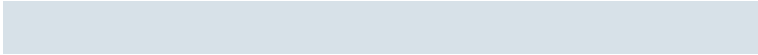
72.8003, 74.1237, 79.9840



69.0805, 74.1237, 75.4307

Complementary

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



69.5150, 74.1237, 86.9874



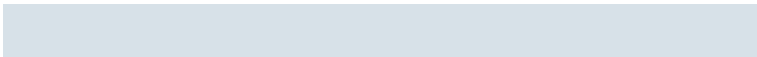
71.6659, 74.3040, 74.8560

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.



70.1990, 74.1237, 74.2381



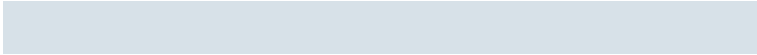
69.5150, 74.1237, 86.9874



72.3536, 74.1237, 76.8178

Square

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



69.5150, 74.1237, 86.9874



72.6121, 74.1237, 83.4348



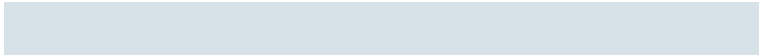
71.3981, 74.1237, 74.7385



68.3359, 74.1237, 78.0415

Rectangle

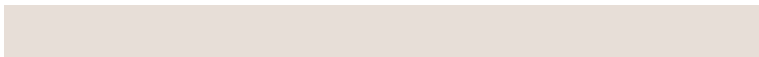
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5150, 74.1237, 86.9874



71.4900, 74.1237, 86.8596



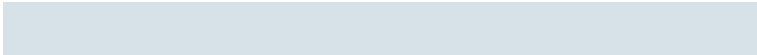
71.3981, 74.1237, 74.7385



69.4248, 74.1237, 74.8541

Sweetspot

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



69.5171, 74.1268, 86.9890



92.5326, 97.7136, 108.5914



70.0401, 77.4247, 80.2209



19.8322, 20.9388, 23.2463



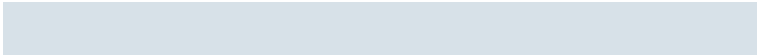
0.0000, 0.0000, 0.0000



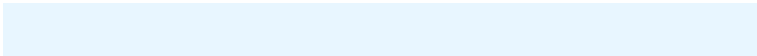
20.3446, 21.4041, 23.3091

Same Dimension

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



69.5171, 74.1268, 86.9890



84.1655, 90.0252, 107.5484



67.3266, 69.7457, 86.2588



14.2841, 15.2897, 18.3427



13.1416, 13.3453, 44.2664



1.0621, 1.1681, 3.3015

Inverse Universe

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



71.1714, 71.1943, 81.2286



86.6770, 85.6279, 98.7904



73.9260, 78.8241, 75.6094



14.7310, 14.5096, 16.7839



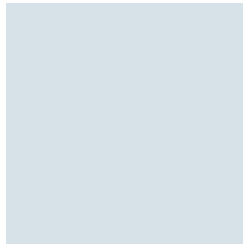
21.0268, 10.5449, 14.3019



1.5997, 0.7976, 1.2987

Previews

White Background



This preview shows how the XYZ color 69.5150, 74.1237, 86.9874 looks on a white background.

Color Contrast Check

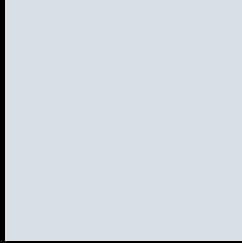
Large Text (above 18pt) WCAG AA × Fail

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 69.5150, 74.1237, 86.9874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

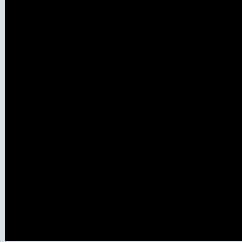
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

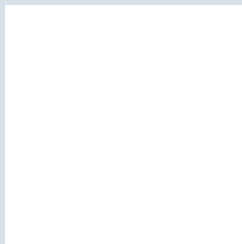
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5150, 74.1237, 86.9874

Background



This preview shows how black text looks on a background with the XYZ color 69.5150, 74.1237, 86.9874.

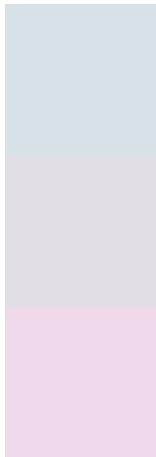


This preview shows how white text looks on a background with the XYZ color 69.5150, 74.1237,

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

69.5150, 74.1237, 86.9874

Protanopia

71.4555, 73.9633, 85.3731

Deuteranopia

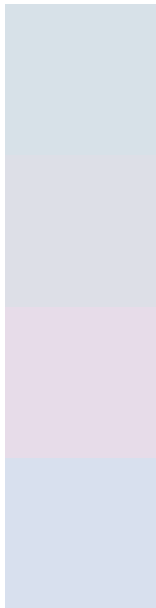
75.5993, 74.0915, 88.1585



Tritanopia

71.1481, 74.4139, 93.8325

Trichromacy



Original Color

69.5150, 74.1237, 86.9874

Protanomaly

70.6303, 73.9170, 86.1461

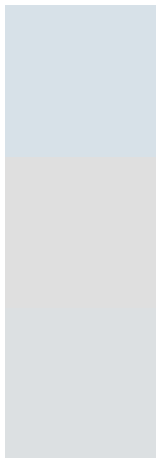
Deuteranomaly

73.2562, 74.0585, 87.5245

Tritanomaly

70.4072, 74.0833, 91.4776

Monochromacy



Original Color

69.5150, 74.1237, 86.9874

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8983, 74.0179, 82.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5150, 74.1237, 86.9874 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, 225, 232) looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 232)  
}
```

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, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 232) }
```

Border

The CSS property to change the border of an element to XYZ 69.5150, 74.1237, 86.9874 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, 225, 232) }
```


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

```
.border{ border-color:rgb(215, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5150, 74.1237, 86.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 232) }
```

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

```
.background{ background-color: rgb(215,  
225, 232) }
```

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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