

Converting Colors

XYZ(74.0356, 82.1387, 69.0429)

Have a look what the booklet for
XYZ(74.0356, 82.1387, 69.0429)
contains.

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Color

**XYZ(74.1067, 82.3317,
69.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EECC
RGB	230, 238, 204
RGB Percent	90%, 93%, 80%
CMY	0.0980, 0.0666, 0.2000
CMYK	0.03, 0.00, 0.14, 0.07
HSL	74°, 50%, 87%
HSV	74°, 14%, 93%
XYZ	74.1067, 82.3317, 69.1125
YIQ	231.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

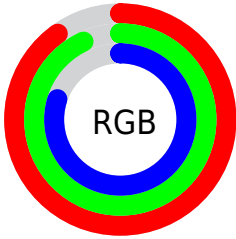
Format	Color
RYB	204, 238, 212
Decimal	15134412
CIELab	92.72, -8.43, 15.57
CIELCh	93, 17.704, 118.432
Yxy	82.3317, 0.3286, 0.3650
Android (android.graphics.Color)	4293324492 (0xFFE6EECC)
YUV	231.7320, -13.6719, -1.5190
Hunter-Lab	90.7368, -13.0047, 18.3557

Details

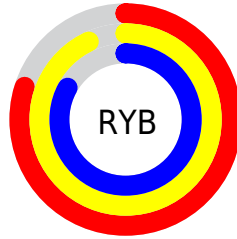
The XYZ color **74.1067, 82.3317, 69.1125** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.1802, 63.3581, 89.7401**, and the grayscale version is **76.5990, 80.5881, 87.7604**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6885, 44.6566, 35.3819** is the 20% darker color. If you saturate the color by 10%, you get **69.6989, 80.3669, 55.1265**, and if you desaturate by 10%, it is **79.0131, 84.5080, 85.4023**.

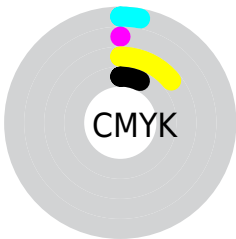
Distribution



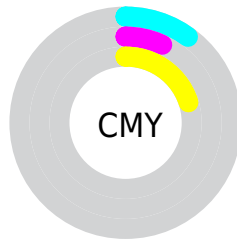
- Red (90%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1067, 82.3317, 69.1125 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 74.1067, 82.3317, 69.1125 by changing the saturation by 10% instead.

74.1067, 82.3317,
69.1125

74.1067, 82.3317,
69.1125

463.8862,
502.7565, 476.1323

55.1730, 61.6390,
50.3310

124.0417,
136.6391, 119.6115

39.7746, 44.7411,
35.3035

155.7738,
171.0225, 152.1660

27.5463, 31.2535,
23.6113

192.5026,
210.7383, 190.1487

18.1226, 20.7920,
14.8360

234.5936,
256.1708, 233.9780

11.1383, 12.9720,
8.5590

282.4120,
307.7046, 284.0724

6.2279, 7.4093,
4.3618

336.3234,

3.0261, 3.7194,

365.7238, 340.8506

1.8259

396.6930,
430.6130, 404.7311

■ 1.1676, 1.5178,
0.4449

■ 0.0805, 0.3012,
0.0000

■ 74.1067, 82.3317,
69.1125

■ 74.1067, 82.3317,
69.1125

■ 69.6989, 80.3669,
55.1265

■ 79.0131, 84.5080,
85.4023

■ 65.7627, 78.5946,
43.3349

■ 84.4303, 86.8928,
104.0880

■ 62.2785, 77.0097,
33.6277

■ 86.9170, 88.1121,
107.0341

■ 59.2227, 75.6026,
25.8829

■ 88.9208, 89.1451,
107.1278

■ 56.5691, 74.3629,
19.9661

■ 89.8662, 89.6325,
107.1721

■ 54.2885, 73.2787,
15.7258

■ 52.3469, 72.3364,
12.9865

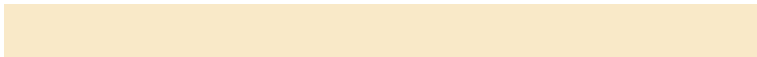
■ 50.7030, 71.5193,
11.5336

■ 49.8619, 71.0946,
11.0946

Harmonies

Analogous

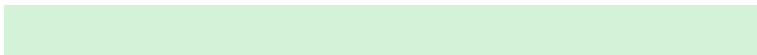
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4968, 82.3317, 66.5763



74.1067, 82.3317, 69.1125



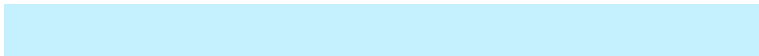
70.9379, 82.3317, 76.9945

Triad

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



74.1067, 82.3317, 69.1125



73.7020, 82.3317, 113.0747



87.4585, 82.3317, 90.3422

Complementary

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



74.1067, 82.3317, 69.1125



64.1802, 63.3581, 89.7401

Split Complementary

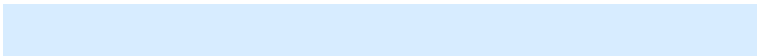
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0562, 82.3317, 103.6109



74.1067, 82.3317, 69.1125



78.0113, 82.3317, 117.5084

Square

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



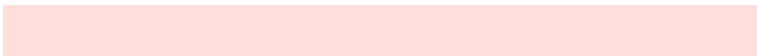
74.1067, 82.3317, 69.1125



70.7108, 82.3317, 102.2904



82.5528, 82.3317, 113.8883



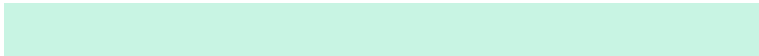
86.3151, 82.3317, 78.0876

Rectangle

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



74.1067, 82.3317, 69.1125



69.8826, 82.3317, 84.6474



82.5528, 82.3317, 113.8883



87.2682, 82.3317, 94.8360

Sweetspot

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



74.1089, 82.3353, 69.1143



92.5730, 98.9078, 100.4382



69.6887, 69.5929, 66.8877



19.7170, 21.1273, 21.1682



0.0000, 0.0000, 0.0000



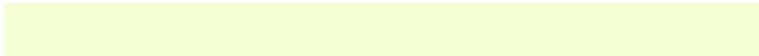
20.3446, 21.4041, 23.3091

Same Dimension

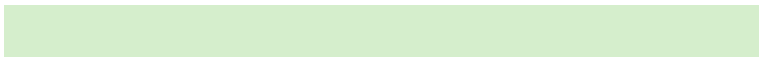
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1089, 82.3353, 69.1143



85.1842, 95.6314, 76.0251



68.9363, 79.6687, 68.8722



16.7380, 18.2606, 16.7922



27.9365, 39.7233, 6.1950



2.4108, 3.3493, 0.5194

Inverse Universe

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



64.1802, 63.3581, 89.7401



71.5860, 69.6389, 104.2764



69.3201, 66.0078, 89.9806



15.2456, 15.4083, 19.8922



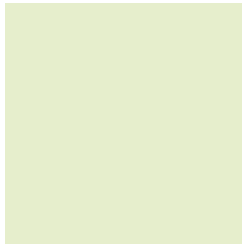
9.6155, 3.9623, 45.3859



0.8853, 0.3736, 3.7797

Previews

White Background



This preview shows how the XYZ color 74.1067, 82.3317, 69.1125 looks on a white background.

Color Contrast Check

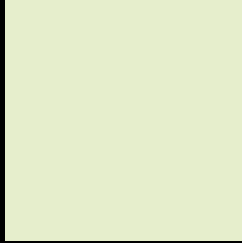
Large Text (above 18pt) WCAG AA × Fail

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 74.1067, 82.3317, 69.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

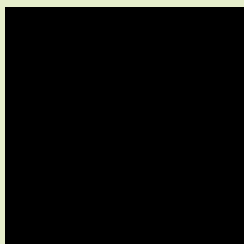
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

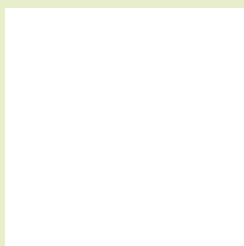
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1067, 82.3317, 69.1125

Background



This preview shows how black text looks on a background with the XYZ color 74.1067, 82.3317, 69.1125.



This preview shows how white text looks on a background with the XYZ color 74.1067, 82.3317,

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

74.1067, 82.3317, 69.1125

Protanopia

77.8056, 82.1349, 67.6299

Deuteranopia

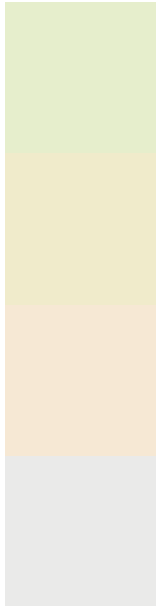
81.7837, 82.3084, 77.2223



Tritanopia

81.0370, 82.6199, 102.1186

Trichromacy



Original Color

74.1067, 82.3317, 69.1125

Protanomaly

76.4230, 82.2537, 68.3485

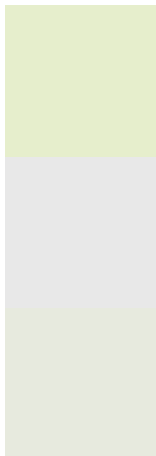
Deuteranomaly

78.7463, 82.0595, 73.9761

Tritanomaly

78.0625, 82.2213, 88.8467

Monochromacy



Original Color

74.1067, 82.3317, 69.1125

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5626, 81.1085, 80.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1067, 82.3317, 69.1125 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(230, 238, 204) looks like.

```
.text, #text, p{  
    color:rgb(230, 238, 204)  
}
```

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(230, 238, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 238, 204) }
```

Border

The CSS property to change the border of an element to XYZ 74.1067, 82.3317, 69.1125 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(230, 238, 204) }
```


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

```
.border{ border-color:rgb(230, 238, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 238, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 238, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 238, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 238,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1067, 82.3317, 69.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 238, 204) }
```

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

```
.background{ background-color: rgb(230,  
238, 204) }
```

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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