

Converting Colors

XYZ(71.2617, 79.0418, 69.4987)

Have a look what the booklet for
XYZ(71.2617, 79.0418, 69.4987)
contains.

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Color

**XYZ(71.1827, 79.1007,
69.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EACD
RGB	224, 234, 205
RGB Percent	88%, 92%, 80%
CMY	0.1216, 0.0823, 0.1961
CMYK	0.04, 0.00, 0.12, 0.08
HSL	81°, 41%, 86%
HSV	81°, 12%, 92%
XYZ	71.1827, 79.1007, 69.2738
YIQ	227.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

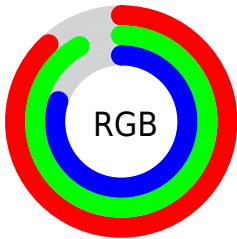
Format	Color
R_{YB}	205, 234, 215
Decimal	14740173
CIE _{Lab}	91.28, -8.35, 12.95
CIE _{LCh}	91, 15.409, 122.816
Yxy	79.1007, 0.3242, 0.3603
Android (android.graphics.Color)	4292930253 (0xFFE0EACD)
YUV	227.7040, -11.1931, -3.2484
Hunter-Lab	88.9386, -12.7786, 16.0763

Details

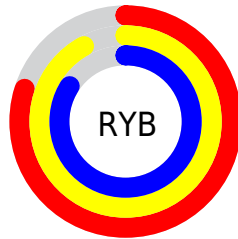
The XYZ color **71.1827, 79.1007, 69.2738** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.7100, 64.0524, 86.7989**, and the grayscale version is **73.6058, 77.4390, 84.3311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8685, 42.5102, 35.4876** is the 20% darker color. If you saturate the color by 10%, you get **66.1247, 76.7979, 55.3785**, and if you desaturate by 10%, it is **76.7863, 81.6406, 85.4031**.

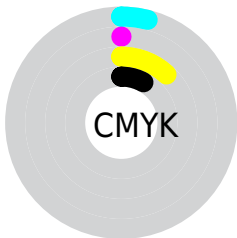
Distribution



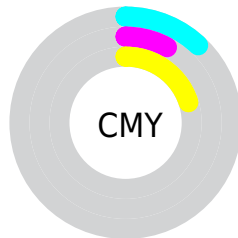
- Red (88%)
- Green (92%)
- Blue (80%)



- Red (80%)
- Yellow (92%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1827, 79.1007, 69.2738 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 71.1827, 79.1007, 69.2738 by changing the saturation by 10% instead.

71.1827, 79.1007,
69.2738

71.1827, 79.1007,
69.2738

453.8938,
491.8969, 476.7161

52.7744, 58.9786,
50.4616

119.9109,
132.1006, 119.8439

37.8494, 42.5959,
35.4065

150.9616,
165.7472, 152.4389

26.0425, 29.5682,
23.6902

186.9570,
204.6708, 190.4653

16.9883, 19.5111,
14.8939

228.2626,
249.2557, 234.3415

10.3214, 12.0401,
8.5991

275.2437,
299.8864, 284.4862

5.6765, 6.7710,
4.3874

328.2657,

2.6882, 3.3193,

356.9473, 341.3178

1.8402

387.6939,
420.8226, 405.2549

■ 0.9911, 1.3006,
0.4543

■ 0.0000, 0.1417,
0.0000

■ 71.1827, 79.1007,
69.2738

■ 71.1827, 79.1007,
69.2738

■ 66.1247, 76.7979,
55.3785

■ 76.7863, 81.6406,
85.4031

■ 61.5856, 74.7136,
43.6136

■ 82.9482, 84.4152,
103.8537

■ 57.5457, 72.8423,
33.8749

■ 86.2626, 86.0649,
106.6734

■ 53.9815, 71.1745,
26.0474

■ 88.7144, 87.3288,
106.7881

■ 50.8673, 69.6996,
20.0047

■ 48.1744, 68.4059,
15.6049

■ 45.8699, 67.2802,
12.6847

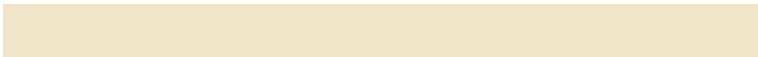
■ 43.9147, 66.3064,
11.0475

■ 42.6156, 65.6491,
10.4255

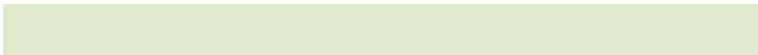
Harmonies

Analogous

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



74.8142, 79.1007, 66.3670



71.1827, 79.1007, 69.2738



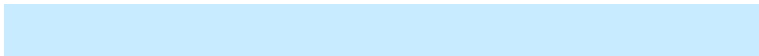
68.6932, 79.1007, 76.6627

Triad

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



71.1827, 79.1007, 69.2738



71.8011, 79.1007, 106.7291



82.9425, 79.1007, 85.0741

Complementary

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



71.1827, 79.1007, 69.2738



64.7100, 64.0524, 86.7989

Split Complementary

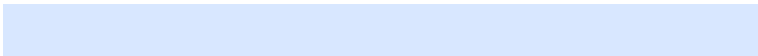
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.0689, 79.1007, 96.3403



71.1827, 79.1007, 69.2738



75.5527, 79.1007, 109.4653

Square

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



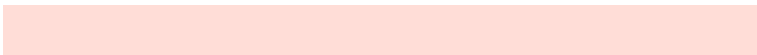
71.1827, 79.1007, 69.2738



69.0414, 79.1007, 98.3273



79.3301, 79.1007, 105.5138



81.6781, 79.1007, 74.9805

Rectangle

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



71.1827, 79.1007, 69.2738



67.9696, 79.1007, 83.4631



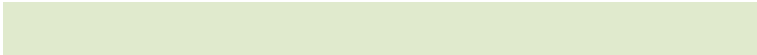
79.3301, 79.1007, 105.5138



82.8892, 79.1007, 88.8474

Sweetspot

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



71.1848, 79.1041, 69.2755



92.1683, 98.6991, 100.4193



69.1696, 70.3341, 67.6889



19.6144, 21.0744, 21.1634



0.0000, 0.0000, 0.0000



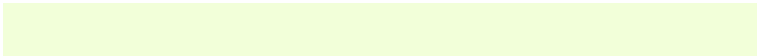
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1848, 79.1041, 69.2755



84.8033, 95.3597, 79.4119



66.9757, 76.9342, 69.0785



15.8183, 17.3519, 16.0343



24.0868, 36.9617, 5.8648



1.9941, 2.9553, 0.4653

Inverse Universe

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



64.7100, 64.0524, 86.7989



75.4136, 73.5307, 104.8259



69.0517, 66.2906, 87.0021



14.7211, 14.8015, 19.0033



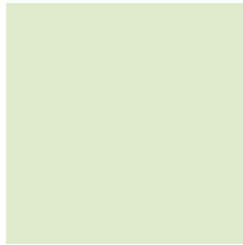
10.3607, 4.3770, 44.0418



0.9137, 0.3953, 3.4630

Previews

White Background



This preview shows how the XYZ color 71.1827, 79.1007, 69.2738 looks on a white background.

Color Contrast Check

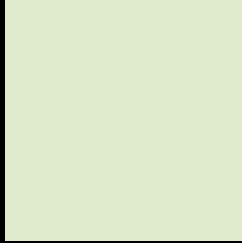
Large Text (above 18pt) WCAG AA × Fail

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 71.1827, 79.1007, 69.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

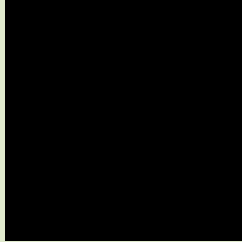
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

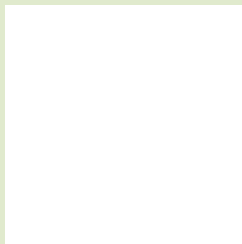
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.1827, 79.1007, 69.2738

Background



This preview shows how black text looks on a background with the XYZ color 71.1827, 79.1007, 69.2738.



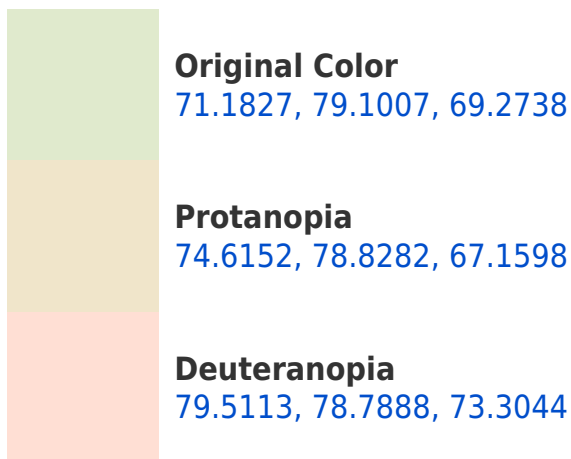
This preview shows how white text looks on a background with the XYZ color 71.1827, 79.1007,

69.2738.

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

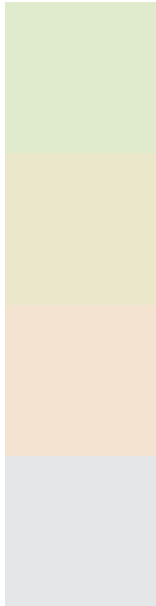




Tritanopia

77.0111, 78.9636, 98.3714

Trichromacy



Original Color

71.1827, 79.1007, 69.2738

Protanomaly

73.2871, 78.9560, 67.8773

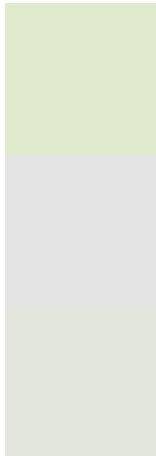
Deuteranomaly

76.2859, 78.7747, 71.5059

Tritanomaly

74.7155, 78.8571, 86.8843

Monochromacy



Original Color

71.1827, 79.1007, 69.2738

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.8936, 78.0918, 78.9415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1827, 79.1007, 69.2738 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(224, 234, 205) looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 205)  
}
```

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(224, 234, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 205) }
```

Border

The CSS property to change the border of an element to XYZ 71.1827, 79.1007, 69.2738 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(224, 234, 205) }
```


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

```
.border{ border-color:rgb(224, 234, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 234, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 234, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 234, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 234,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1827, 79.1007, 69.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 234, 205) }
```

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

```
.background{ background-color: rgb(224,  
234, 205) }
```

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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