

Converting Colors

XYZ(73.2867, 80.8941, 72.9568)

Have a look what the booklet for
XYZ(73.2867, 80.8941, 72.9568)
contains.

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Color

**XYZ(73.3069, 80.9749,
72.7388)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3ECD2 |
| RGB | 227, 236, 210 |
| RGB Percent | 89%, 93%, 82% |
| CMY | 0.1098, 0.0745, 0.1765 |
| CMYK | 0.04, 0.00, 0.11, 0.07 |
| HSL | 81°, 41%, 87% |
| HSV | 81°, 11%, 93% |
| XYZ | 73.3069, 80.9749, 72.7388 |
| YIQ | 230.3450, 2.9820, -9.9940 |

Conversions

Conversions Part 2

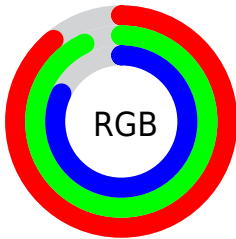
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 210, 236, 219 |
| Decimal | 14937298 |
| CIE Lab | 92.12, -7.50, 11.58 |
| CIE LCh | 92, 13.796, 122.941 |
| Yxy | 80.9749, 0.3229, 0.3567 |
| Android (android.graphics.Color) | 4293127378 (0xFFE3ECD2) |
| YUV | 230.3450, -10.0301, -2.9336 |
| Hunter-Lab | 89.9861, -12.0610, 15.0641 |

Details

The XYZ color **73.3069, 80.9749, 72.7388** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.4034, 67.2115, 88.7816**, and the grayscale version is **75.5416, 79.4757, 86.5490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3353, 43.8135, 37.8361** is the 20% darker color. If you saturate the color by 10%, you get **68.0648, 78.5899, 58.2603**, and if you desaturate by 10%, it is **79.1095, 83.6034, 89.5103**.

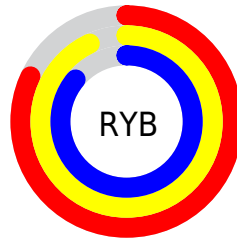
Distribution



Red (89%)

Green (93%)

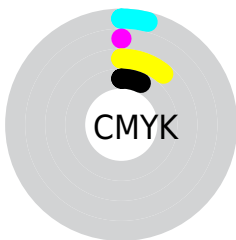
Blue (82%)



Red (82%)

Yellow (93%)

Blue (86%)

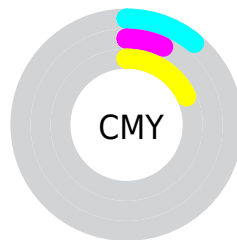


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (7%)



Cyan (11%)

Magenta (7%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3069, 80.9749, 72.7388 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 73.3069, 80.9749, 72.7388 by changing the saturation by 10% instead.

73.3069, 80.9749,
72.7388

73.3069, 80.9749,
72.7388

461.1651,
498.2123, 489.1555

54.5162, 60.5209,
53.2719

122.9136,
134.7355, 124.8238

39.2468, 43.8387,
37.6307

154.4603,
168.8110, 158.2790

27.1334, 30.5437,
25.3965

190.9897,
208.1957, 197.2340

17.8105, 20.2516,
16.1510

232.8672,
253.2741, 242.1074

10.9129, 12.5781,
9.4756

280.4582,
304.4305, 293.3177

6.0752, 7.1387,
4.9516

334.1279,

2.9319, 3.5490,

362.0495, 351.2835

2.1607

394.2418,
426.5152, 416.4232

■ 1.1179, 1.4246,
0.6515

■ 0.0400, 0.2348,
0.0000

■ 73.3069, 80.9749,
72.7388

■ 73.3069, 80.9749,
72.7388

■ 68.0648, 78.5899,
58.2603

■ 79.1095, 83.6034,
89.5103

■ 63.3559, 76.4296,
45.9700

■ 85.1285, 86.3303,
106.7844

■ 59.1605, 74.4884,
35.7625

■ 88.0174, 87.8195,
106.9196

■ 55.4548, 72.7566,
27.5218

■ 89.2870, 88.4741,
106.9790

■ 52.2128, 71.2236,
21.1206

■ 49.4057, 69.8776,
16.4166

■ 47.0006, 68.7054,
13.2466

■ 44.9585, 67.6911,
11.4152

■ 43.3778, 66.8921,
10.6252

Harmonies

Analogous

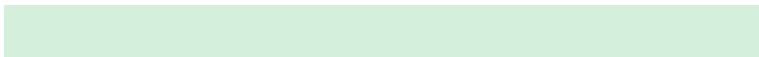
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6140, 80.9749, 70.0275



73.3069, 80.9749, 72.7388



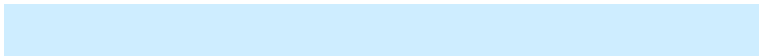
71.0363, 80.9749, 79.5593

Triad

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



73.3069, 80.9749, 72.7388



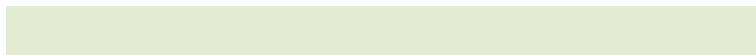
73.8965, 80.9749, 106.7748



83.9942, 80.9749, 87.1673

Complementary

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



73.3069, 80.9749, 72.7388



67.4034, 67.2115, 88.7816

Split Complementary

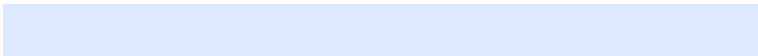
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2131, 80.9749, 97.3761



73.3069, 80.9749, 72.7388



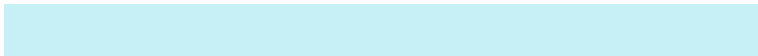
77.3155, 80.9749, 109.1982

Square

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



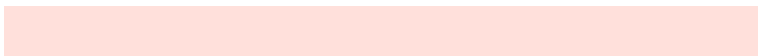
73.3069, 80.9749, 72.7388



71.3692, 80.9749, 99.2467



80.7412, 80.9749, 105.6377



82.8442, 80.9749, 77.9458

Rectangle

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



73.3069, 80.9749, 72.7388



70.3782, 80.9749, 85.7841



80.7412, 80.9749, 105.6377



83.9488, 80.9749, 90.5955

Sweetspot

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



73.3091, 80.9784, 72.7406



92.8747, 99.0181, 102.4965



71.4724, 72.9779, 71.2931



19.7568, 21.1387, 21.5815



0.0000, 0.0000, 0.0000



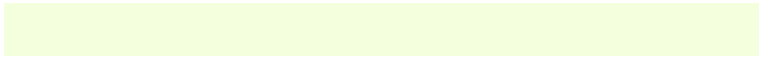
20.3446, 21.4041, 23.3091

Same Dimension

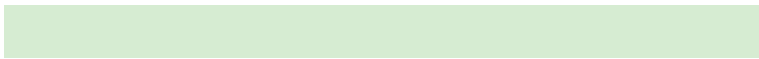
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3091, 80.9784, 72.7406



86.0671, 95.9335, 82.9827



69.4598, 78.9940, 72.5604



15.8163, 17.3508, 16.0342



24.0541, 36.9448, 5.8633



1.9917, 2.9541, 0.4652

Inverse Universe

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



67.4034, 67.2115, 88.7816



77.8431, 76.7619, 105.3215



71.3603, 69.2514, 88.9668



14.7231, 14.8025, 19.0034



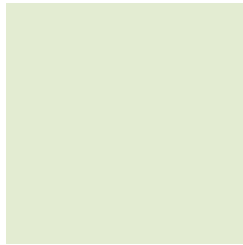
10.3758, 4.3849, 44.0425



0.9150, 0.3960, 3.4631

Previews

White Background



This preview shows how the XYZ color 73.3069, 80.9749, 72.7388 looks on a white background.

Color Contrast Check

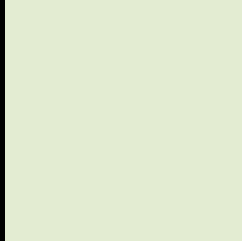
Large Text (above 18pt) WCAG AA × Fail

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 73.3069, 80.9749, 72.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

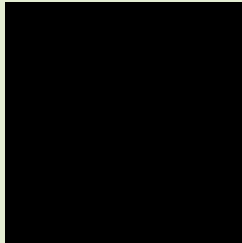
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

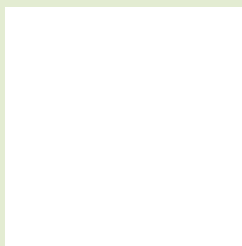
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3069, 80.9749, 72.7388

Background



This preview shows how black text looks on a background with the XYZ color 73.3069, 80.9749, 72.7388.



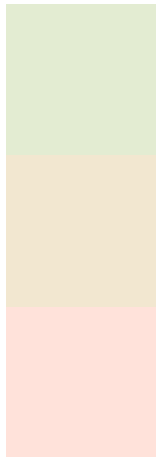
This preview shows how white text looks on a background with the XYZ color 73.3069, 80.9749,

72.7388.

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

73.3069, 80.9749, 72.7388

Protanopia

76.5790, 80.5831, 71.1925

Deuteranopia

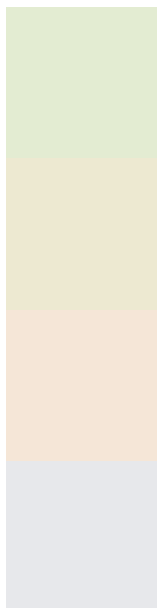
81.0912, 80.7147, 77.6352



Tritanopia

79.0000, 80.7568, 101.0464

Trichromacy



Original Color

73.3069, 80.9749, 72.7388

Protanomaly

75.5726, 80.8858, 71.9510

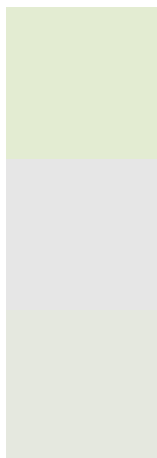
Deuteranomaly

78.2187, 80.9124, 75.7851

Tritanomaly

76.8070, 80.7003, 90.1258

Monochromacy



Original Color

73.3069, 80.9749, 72.7388

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4890, 79.6990, 81.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3069, 80.9749, 72.7388 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(227, 236, 210)` looks like.

```
.text, #text, p{  
    color:rgb(227, 236, 210)  
}
```

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(227, 236, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 236, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.3069, 80.9749, 72.7388 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(227, 236, 210) }
```


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

```
.border{ border-color:rgb(227, 236, 210) }
```

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

Here you see how a box with a 4 pixel rgb(227, 236, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 236, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 236, 210);  
box-shadow:4px 4px 4px 4px rgb(227, 236,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3069, 80.9749, 72.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 236, 210) }
```

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

```
.background{ background-color: rgb(227,  
236, 210) }
```

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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