

Converting Colors

XYZ(73.7224, 82.4091, 71.6388)

Have a look what the booklet for
XYZ(73.7224, 82.4091, 71.6388)
contains.

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Color

**XYZ(73.9302, 82.6180,
71.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EFD0
RGB	227, 239, 208
RGB Percent	89%, 94%, 82%
CMY	0.1098, 0.0627, 0.1843
CMYK	0.05, 0.00, 0.13, 0.06
HSL	83°, 49%, 88%
HSV	83°, 13%, 94%
XYZ	73.9302, 82.6180, 71.7248
YIQ	231.8780, 2.7990, -12.1850

Conversions

Conversions Part 2

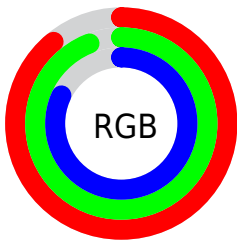
Format	Color
RYB	208, 239, 220
Decimal	14938064
CIELab	92.85, -9.34, 13.65
CIELCh	93, 16.535, 124.380
Yxy	82.6180, 0.3239, 0.3619
Android (android.graphics.Color)	4293128144 (0xFFE3EFD0)
YUV	231.8780, -11.7719, -4.2780
Hunter-Lab	90.8944, -13.8799, 16.8404

Details

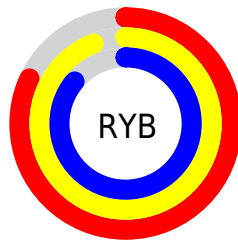
The XYZ color **73.9302, 82.6180, 71.7248** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.6544, 66.5617, 90.9477**, and the grayscale version is **76.6962, 80.6904, 87.8719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7795, 44.9707, 37.1555** is the 20% darker color. If you saturate the color by 10%, you get **68.3682, 80.0677, 57.2543**, and if you desaturate by 10%, it is **80.0967, 85.4336, 88.5401**.

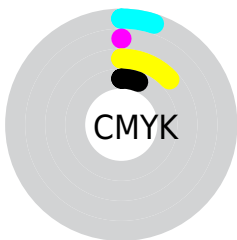
Distribution



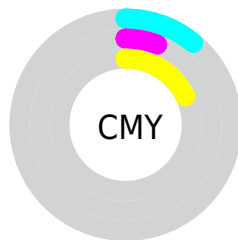
- Red (89%)
- Green (94%)
- Blue (82%)



- Red (82%)
- Yellow (94%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9302, 82.6180, 71.7248 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 73.9302, 82.6180, 71.7248 by changing the saturation by 10% instead.

73.9302, 82.6180,
71.7248

73.9302, 82.6180,
71.7248

463.2865,
503.7125, 485.5349

55.0280, 61.8751,
52.4484

123.7929,
137.0403, 123.3693

39.6581, 44.9318,
36.9779

155.4841,
171.4885, 156.5744

27.4551, 31.4037,
24.8948

192.1690,
211.2738, 195.2597

18.0536, 20.9064,
15.7804

234.2129,
256.7808, 239.8434

11.0884, 13.0556,
9.2162

281.9813,
308.3938, 290.7443

6.1941, 7.4669,
4.7837

335.8394,

3.0052, 3.7557,

366.4971, 348.3808

2.0644

396.1527,
431.4752, 413.1715

■ 1.1565, 1.5379,
0.5945

■ 0.0716, 0.3152,
0.0000

■ 73.9302, 82.6180,
71.7248

■ 73.9302, 82.6180,
71.7248

■ 68.3682, 80.0677,
57.2543

■ 80.0967, 85.4336,
88.5401

■ 63.3820, 77.7628,
45.0190

■ 86.7525, 88.4607,
107.1100

■ 58.9498, 75.6972,
34.9086

■ 90.0715, 90.1717,
107.2653

■ 55.0462, 73.8602,
26.8013

■ 90.1582, 90.2164,
107.2694

■ 51.6430, 72.2403,
20.5632

■ 48.7089, 70.8247,
16.0436

■ 46.2082, 69.5988,
13.0688

■ 44.0982, 68.5452,
11.4284

■ 42.8045, 67.8898,
10.8480

Harmonies

Analogous

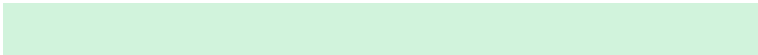
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8935, 82.6180, 68.2698



73.9302, 82.6180, 71.7248



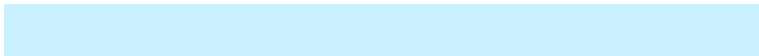
71.2749, 82.6180, 80.0619

Triad

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



73.9302, 82.6180, 71.7248



74.9903, 82.6180, 113.1462



87.0988, 82.6180, 88.1531

Complementary

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



73.9302, 82.6180, 71.7248



67.6544, 66.5617, 90.9477

Split Complementary

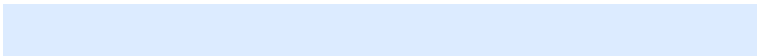
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2528, 82.6180, 100.6355



73.9302, 82.6180, 71.7248



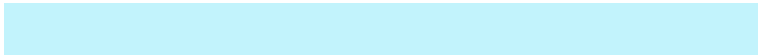
79.1617, 82.6180, 115.8100

Square

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



73.9302, 82.6180, 71.7248



71.8710, 82.6180, 104.0634



83.3083, 82.6180, 111.0433



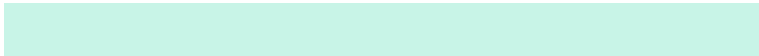
85.5795, 82.6180, 77.1867

Rectangle

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



73.9302, 82.6180, 71.7248



70.5495, 82.6180, 87.6484



83.3083, 82.6180, 111.0433



87.0820, 82.6180, 92.3057

Sweetspot

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



73.9324, 82.6216, 71.7266



92.0128, 98.6190, 100.4120



72.5474, 74.0328, 70.1418



19.5750, 21.0541, 21.1615



0.0000, 0.0000, 0.0000



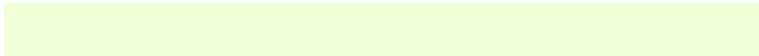
20.3446, 21.4041, 23.3091

Same Dimension

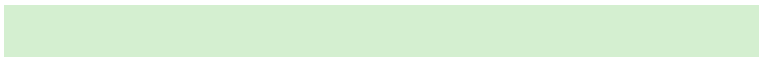
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9324, 82.6216, 71.7266



83.5880, 94.7712, 77.6394



69.2952, 80.2310, 71.5096



16.4958, 18.1358, 16.7808



23.8046, 37.5933, 6.0016



2.0912, 3.1846, 0.5045

Inverse Universe

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



67.6544, 66.5617, 90.9477



74.7797, 72.2371, 104.6096



72.5266, 69.0734, 91.1758



15.4760, 15.5271, 19.9030



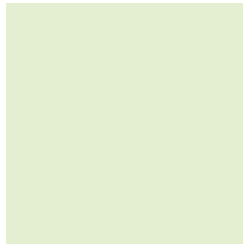
11.2150, 4.7870, 45.4607



1.0410, 0.4539, 3.7870

Previews

White Background



This preview shows how the XYZ color 73.9302, 82.6180, 71.7248 looks on a white background.

Color Contrast Check

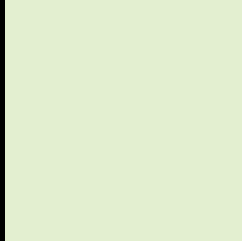
Large Text (above 18pt) WCAG AA × Fail

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 73.9302, 82.6180, 71.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

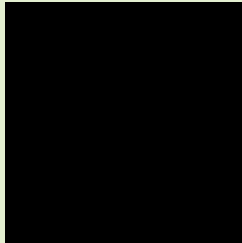
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

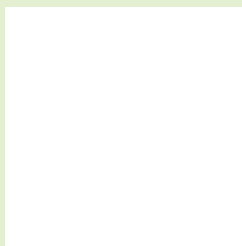
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9302, 82.6180, 71.7248

Background



This preview shows how black text looks on a background with the XYZ color 73.9302, 82.6180, 71.7248.



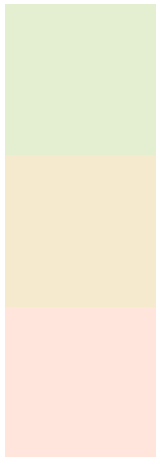
This preview shows how white text looks on a background with the XYZ color 73.9302, 82.6180,

71.7248.

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

73.9302, 82.6180, 71.7248

Protanopia

78.0985, 82.6659, 69.5975

Deuteranopia

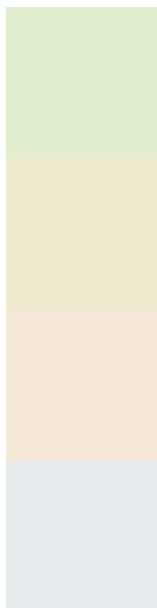
82.0455, 82.4131, 78.6009



Tritanopia

80.1558, 82.5665, 102.9791

Trichromacy



Original Color

73.9302, 82.6180, 71.7248

Protanomaly

76.3959, 82.6243, 70.3141

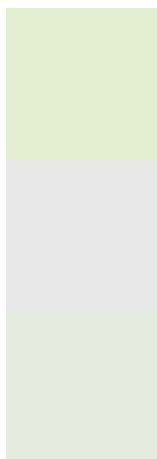
Deuteranomaly

79.0608, 82.5966, 76.0658

Tritanomaly

77.6587, 82.4037, 90.4097

Monochromacy



Original Color

73.9302, 82.6180, 71.7248

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.6607, 81.5674, 81.5684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9302, 82.6180, 71.7248 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, 239, 208)` looks like.

```
.text, #text, p{  
    color:rgb(227, 239, 208)  
}
```

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, 239, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 239, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.9302, 82.6180, 71.7248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

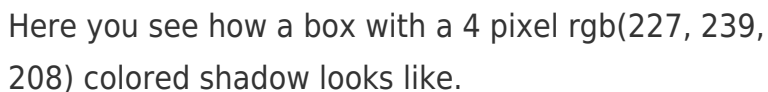
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 239, 208) }
```


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

```
.border{ border-color:rgb(227, 239, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 239, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 239, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 239, 208); box-shadow:4px 4px 4px 4px rgb(227, 239, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9302, 82.6180, 71.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 239, 208) }
```

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

```
.background{ background-color: rgb(227,  
239, 208) }
```

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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