

Converting Colors

XYZ(74.1638, 82.3681, 73.0523)

Have a look what the booklet for
XYZ(74.1638, 82.3681, 73.0523)
contains.

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Color

**XYZ(74.2023, 82.2962,
72.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EED2
RGB	228, 238, 210
RGB Percent	89%, 93%, 82%
CMY	0.1059, 0.0666, 0.1765
CMYK	0.04, 0.00, 0.12, 0.07
HSL	81°, 45%, 88%
HSV	81°, 12%, 93%
XYZ	74.2023, 82.2962, 72.9466
YIQ	231.8180, 3.0280, -10.8280

Conversions

Conversions Part 2

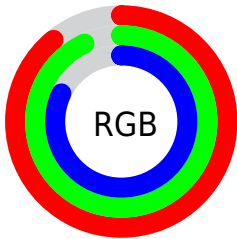
Format	Color
R _Y B	210, 238, 220
Decimal	15003346
CIE Lab	92.71, -8.16, 12.42
CIE LCh	93, 14.863, 123.317
Yxy	82.2962, 0.3234, 0.3587
Android (android.graphics.Color)	4293193426 (0xFFE4EED2)
YUV	231.8180, -10.7563, -3.3484
Hunter-Lab	90.7173, -12.7509, 15.8264

Details

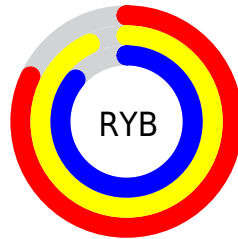
The XYZ color **74.2023, 82.2962, 72.9466** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.9976, 67.4841, 90.3352**, and the grayscale version is **76.6439, 80.6353, 87.8119**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9623, 44.7404, 37.9820** is the 20% darker color. If you saturate the color by 10%, you get **68.8241, 79.8436, 58.3505**, and if you desaturate by 10%, it is **80.1588, 85.0008, 89.8751**.

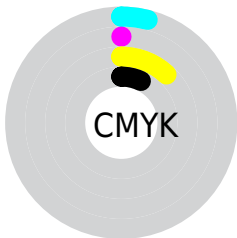
Distribution



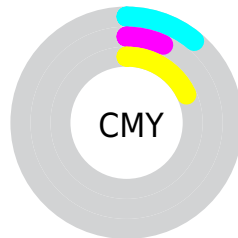
- Red (89%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2023, 82.2962, 72.9466 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 74.2023, 82.2962, 72.9466 by changing the saturation by 10% instead.

74.2023, 82.2962,
72.9466

74.2023, 82.2962,
72.9466

464.2108,
502.6379, 489.8955

55.2515, 61.6097,
53.4407

124.1765,
136.5893, 125.1216

39.8378, 44.7174,
37.7646

155.9306,
170.9647, 158.6278

27.5957, 31.2349,
25.4996

192.6832,
210.6719, 197.6380

18.1600, 20.7778,
16.2273

234.7996,
256.0952, 242.5705

11.1653, 12.9617,
9.5290

282.6452,
307.6191, 293.8440

6.2463, 7.4022,
4.9863

336.5854,

3.0375, 3.7149,

365.6279, 351.8769

2.1806

396.9855,
430.5060, 417.0879

■ 1.1736, 1.5154,
0.6632

■ 0.0854, 0.2995,
0.0000

■ 74.2023, 82.2962,
72.9466

■ 74.2023, 82.2962,
72.9466

■ 68.8241, 79.8436,
58.3505

■ 80.1588, 85.0008,
89.8751

■ 63.9961, 77.6235,
45.9793

■ 86.2848, 87.7861,
107.0045

■ 59.6978, 75.6301,
35.7248

■ 89.3201, 89.3508,
107.1465

■ 55.9046, 73.8535,
27.4679

■ 89.8662, 89.6324,
107.1721

■ 52.5897, 72.2826,
21.0775

■ 49.7230, 70.9052,
16.4068

■ 47.2706, 69.7074,
13.2874

■ 45.1917, 68.6728,
11.5165

■ 43.7087, 67.9224,
10.8067

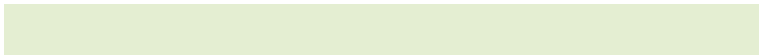
Harmonies

Analogous

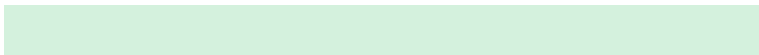
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7902, 82.2962, 69.9646



74.2023, 82.2962, 72.9466



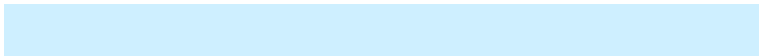
71.7558, 82.2962, 80.3704

Triad

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



74.2023, 82.2962, 72.9466



74.9248, 82.2962, 110.0360



85.8891, 82.2962, 88.3788

Complementary

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



74.2023, 82.2962, 72.9466



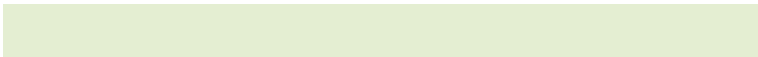
67.9976, 67.4841, 90.3352

Split Complementary

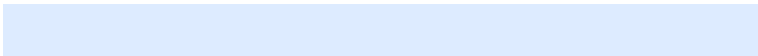
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.0613, 82.2962, 99.5246



74.2023, 82.2962, 72.9466



78.6515, 82.2962, 112.6184

Square

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



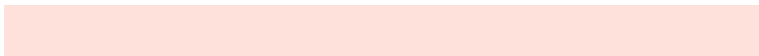
74.2023, 82.2962, 72.9466



72.1632, 82.2962, 101.8334



82.3803, 82.2962, 108.6276



84.6067, 82.2962, 78.3998

Rectangle

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



74.2023, 82.2962, 72.9466



71.0574, 82.2962, 87.1484



82.3803, 82.2962, 108.6276



85.8486, 82.2962, 92.1105

Sweetspot

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



74.2045, 82.2998, 72.9484



92.1229, 98.6758, 100.4171



72.4364, 73.9145, 71.4230



19.6029, 21.0685, 21.1628



0.0000, 0.0000, 0.0000



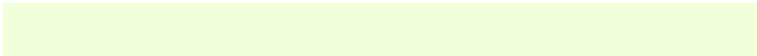
20.3446, 21.4041, 23.3091

Same Dimension

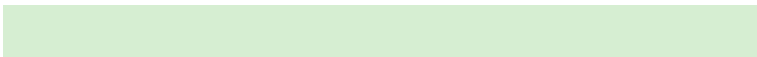
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2045, 82.2998, 72.9484



85.2882, 95.5711, 81.1770



69.9999, 80.1322, 72.7516



16.5432, 18.1602, 16.7831



24.5298, 37.9671, 6.0355



2.1486, 3.2142, 0.5072

Inverse Universe

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



67.9976, 67.4841, 90.3352



76.7561, 75.2046, 105.0782



72.3482, 69.7269, 90.5388



15.4302, 15.5035, 19.9008



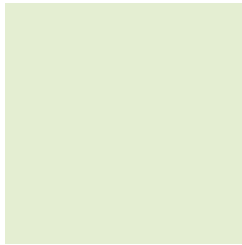
10.8292, 4.5881, 45.4427



1.0056, 0.4357, 3.7853

Previews

White Background



This preview shows how the XYZ color 74.2023, 82.2962, 72.9466 looks on a white background.

Color Contrast Check

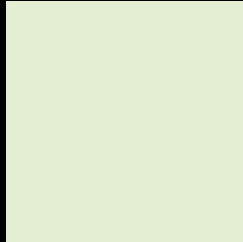
Large Text (above 18pt) WCAG AA × Fail

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 74.2023, 82.2962, 72.9466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

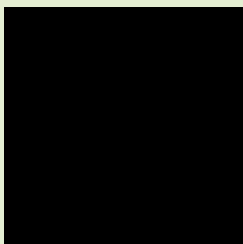
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

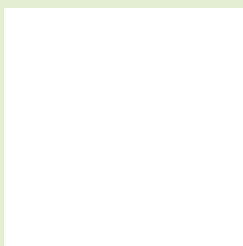
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2023, 82.2962, 72.9466

Background



This preview shows how black text looks on a background with the XYZ color 74.2023, 82.2962, 72.9466.



This preview shows how white text looks on a background with the XYZ color 74.2023, 82.2962,

72.9466.

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

74.2023, 82.2962, 72.9466

Protanopia

77.7096, 82.0159, 70.7664

Deuteranopia

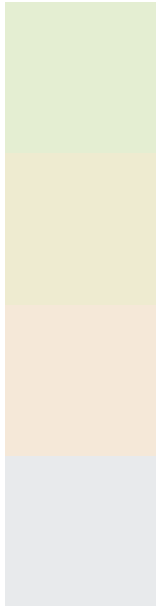
81.9017, 81.9141, 79.2045



Tritanopia

80.2009, 82.1707, 102.9003

Trichromacy



Original Color

74.2023, 82.2962, 72.9466

Protanomaly

76.3534, 82.1479, 71.5064

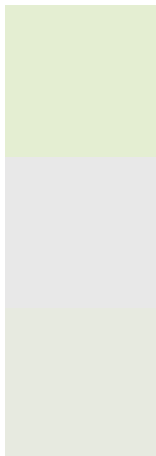
Deuteranomaly

78.9075, 82.0836, 76.6506

Tritanomaly

77.8419, 82.0576, 91.0929

Monochromacy



Original Color

74.2023, 82.2962, 72.9466

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8324, 81.2164, 82.2005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2023, 82.2962, 72.9466 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(228, 238, 210) looks like.

```
.text, #text, p{  
    color:rgb(228, 238, 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(228, 238, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 238, 210) }
```

Border

The CSS property to change the border of an element to XYZ 74.2023, 82.2962, 72.9466 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(228, 238, 210) }
```


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

```
.border{ border-color:rgb(228, 238, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 238, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 238, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 238, 210); box-shadow:4px 4px 4px 4px rgb(228, 238, 210) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2023, 82.2962, 72.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 238, 210) }
```

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

```
.background{ background-color: rgb(228,  
238, 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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