

Converting Colors

XYZ(74.5787, 80.5909, 71.7379)

Have a look what the booklet for
XYZ(74.5787, 80.5909, 71.7379)
contains.

XYZ(74.8631, 80.9415, 71.9992)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8631, 80.9415,
71.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEAD1
RGB	234, 234, 209
RGB Percent	92%, 92%, 82%
CMY	0.0823, 0.0823, 0.1804
CMYK	0.00, 0.00, 0.11, 0.08
HSL	60°, 37%, 87%
HSV	60°, 11%, 92%
XYZ	74.8631, 80.9415, 71.9992
YIQ	231.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

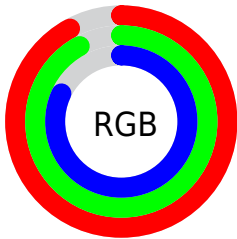
Format	Color
RYB	209, 234, 209
Decimal	15395537
CIELab	92.11, -4.22, 12.15
CIELCh	92, 12.858, 109.141
Yxy	80.9415, 0.3286, 0.3553
Android (android.graphics.Color)	4293585617 (0xFFEAEAD1)
YUV	231.1500, -10.9200, 2.4994
Hunter-Lab	89.9675, -8.9110, 15.5286

Details

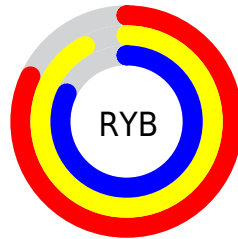
The XYZ color **74.8631, 80.9415, 71.9992** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.9494, 65.0990, 87.0411**, and the grayscale version is **76.1437, 80.1091, 87.2388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1969, 43.6723, 37.3213** is the 20% darker color. If you saturate the color by 10%, you get **72.1755, 79.8690, 57.8446**, and if you desaturate by 10%, it is **77.9807, 82.1914, 88.3985**.

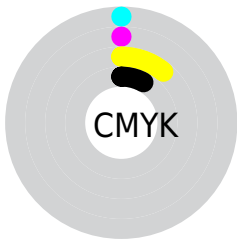
Distribution



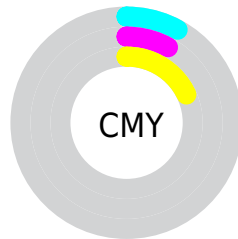
- Red (92%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (92%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8631, 80.9415, 71.9992 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 74.8631, 80.9415, 71.9992 by changing the saturation by 10% instead.

■ 74.8631, 80.9415,
71.9992

■ 74.8631, 80.9415,
71.9992

466.4513,
498.1001, 486.5163

■ 55.7945, 60.4934,
52.6712

125.1075,
134.6886, 123.7631

■ 40.2746, 43.8165,
37.1544

157.0140,
168.7565, 157.0361

■ 27.9378, 30.5262,
25.0304

193.9306,
208.1330, 195.7945

■ 18.4190, 20.2384,
15.8804

236.2226,
253.2026, 240.4568

■ 11.3527, 12.5684,
9.2862

284.2552,
304.3498, 291.4416

■ 6.3737, 7.1321,
4.8289

338.3940,

■ 3.1164, 3.5448,

361.9588, 349.1674

2.0903

399.0043,
426.4141, 414.0528

■ 1.2156, 1.4224,
0.6100

■ 0.1186, 0.2331,
0.0000

■ 74.8631, 80.9415,
71.9992

■ 74.8631, 80.9415,
71.9992

■ 72.1755, 79.8690,
57.8446

■ 77.9807, 82.1914,
88.3985

■ 69.8929, 78.9557,
45.8323

■ 81.4094, 83.5631,
106.4463

■ 67.9975, 78.1974,
35.8594

■ 81.4109, 83.5638,
106.4464

■ 66.4680, 77.5854,
27.8127

■ 81.4124, 83.5646,
106.4464

65.2807, 77.1103,
21.5681

81.4139, 83.5654,
106.4465

64.4092, 76.7616,
16.9868

81.4154, 83.5661,
106.4466

63.8234, 76.5271,
13.9100

81.4169, 83.5669,
106.4466

63.4873, 76.3925,
12.1479

81.4184, 83.5677,
106.4467

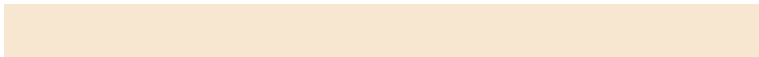
63.3430, 76.3346,
11.3955

81.4199, 83.5685,
106.4468

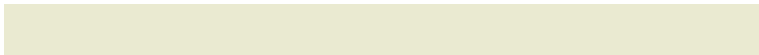
Harmonies

Analogous

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



78.1385, 80.9415, 71.4051



74.8631, 80.9415, 71.9992



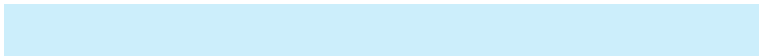
72.2156, 80.9415, 76.7298

Triad

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



74.8631, 80.9415, 71.9992



72.8409, 80.9415, 102.6585



83.3581, 80.9415, 91.6126

Complementary

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



74.8631, 80.9415, 71.9992



63.9494, 65.0990, 87.0411

Split Complementary

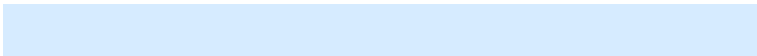
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8504, 80.9415, 100.6103



74.8631, 80.9415, 71.9992



75.7389, 80.9415, 107.2851

Square

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



74.8631, 80.9415, 71.9992



71.0714, 80.9415, 94.2483



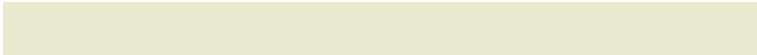
79.0396, 80.9415, 106.5098



83.1072, 80.9415, 82.2853

Rectangle

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



74.8631, 80.9415, 71.9992



71.1334, 80.9415, 81.7952



79.0396, 80.9415, 106.5098



83.0384, 80.9415, 94.7869

Sweetspot

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



74.8653, 80.9450, 72.0009



93.8420, 99.5167, 102.5418



68.2434, 67.6988, 69.7932



20.0187, 21.2737, 21.5937



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.



74.8653, 80.9450, 72.0009



90.1623, 98.0447, 83.1743



70.9058, 78.9038, 71.8156



16.3517, 17.6269, 16.0592



35.5935, 42.8936, 6.4033



2.7950, 3.3682, 0.5028

Inverse Universe

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



63.9494, 65.0990, 87.0411



74.2117, 74.8898, 105.1515



67.6255, 66.9940, 87.2132



14.2315, 14.5491, 18.9804



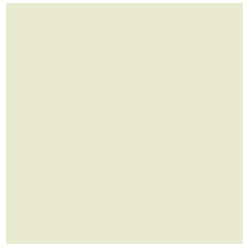
8.3461, 3.3385, 43.9475



0.6555, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 74.8631, 80.9415, 71.9992 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 74.8631, 80.9415, 71.9992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

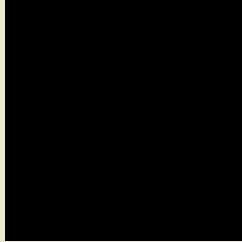
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

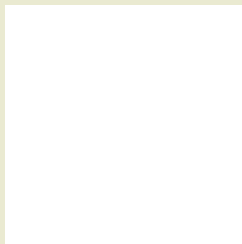
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8631, 80.9415, 71.9992

Background



This preview shows how black text looks on a background with the XYZ color 74.8631, 80.9415, 71.9992.



This preview shows how white text looks on a background with the XYZ color 74.8631, 80.9415,

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

74.8631, 80.9415, 71.9992

Protanopia

76.8597, 81.1445, 71.2860

Deuteranopia

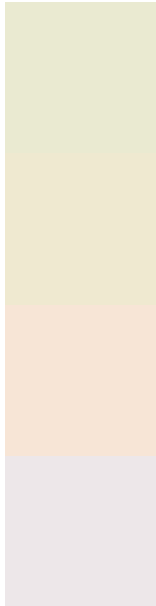
80.9607, 80.6625, 76.9480



Tritanopia

80.4044, 81.1047, 99.4127

Trichromacy



Original Color

74.8631, 80.9415, 71.9992

Protanomaly

76.1207, 81.1826, 71.3323

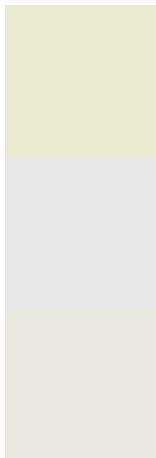
Deuteranomaly

78.5147, 80.6678, 75.0506

Tritanomaly

78.2089, 81.0395, 88.6109

Monochromacy



Original Color

74.8631, 80.9415, 71.9992

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.4546, 80.1967, 81.3147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8631, 80.9415, 71.9992 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(234, 234, 209) looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 209)  
}
```

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(234, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.8631, 80.9415, 71.9992 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(234, 234, 209) }
```


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

```
.border{ border-color:rgb(234, 234, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 234, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8631, 80.9415, 71.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 209) }
```

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

```
.background{ background-color: rgb(234,  
234, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor