

Converting Colors

XYZ(74.2015, 80.0682, 69.6627)

Have a look what the booklet for
XYZ(74.2015, 80.0682, 69.6627)
contains.

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Color

**XYZ(74.2112, 80.2265,
69.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE9CE
RGB	234, 233, 206
RGB Percent	92%, 91%, 81%
CMY	0.0823, 0.0863, 0.1921
CMYK	0.00, 0.00, 0.12, 0.08
HSL	58°, 40%, 86%
HSV	58°, 12%, 92%
XYZ	74.2112, 80.2265, 69.9664
YIQ	230.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

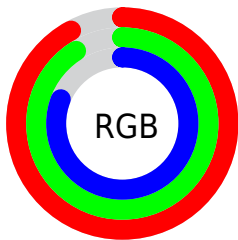
Format	Color
R_{YB}	207, 234, 206
Decimal	15395278
CIE _{Lab}	91.79, -4.18, 13.25
CIE _{LCh}	92, 13.897, 107.522
Yxy	80.2265, 0.3307, 0.3575
Android (android.graphics.Color)	4293585358 (0xFFEAE9CE)
YUV	230.2210, -11.9410, 3.3142
Hunter-Lab	89.5692, -8.8528, 16.3845

Details

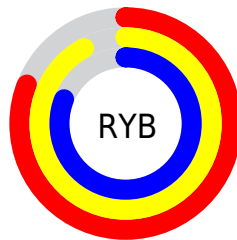
The XYZ color **74.2112, 80.2265, 69.9664** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.6176, 63.6868, 86.8352**, and the grayscale version is **75.4601, 79.3899, 86.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7497, 43.1763, 35.9446** is the 20% darker color. If you saturate the color by 10%, you get **71.3435, 78.7062, 56.0143**, and if you desaturate by 10%, it is **77.5077, 81.9254, 86.1514**.

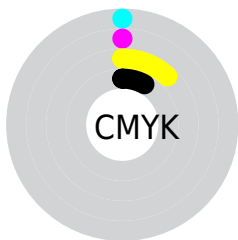
Distribution



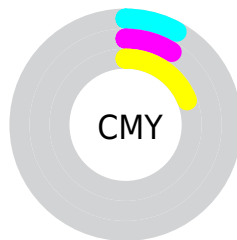
- Red (92%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (92%)
- Blue (81%)



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



- Cyan (8%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2112, 80.2265, 69.9664 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 74.2112, 80.2265, 69.9664 by changing the saturation by 10% instead.

74.2112, 80.2265,
69.9664

74.2112, 80.2265,
69.9664

464.2410,
495.6958, 479.2180

55.2588, 59.9048,
51.0225

124.1890,
133.6841, 120.8415

39.8436, 43.3419,
35.8497

155.9452,
167.5888, 153.6098

27.6003, 30.1534,
24.0293

192.7000,
206.7899, 191.8233

18.1635, 19.9551,
15.1430

234.8188,
251.6719, 235.9006

11.1678, 12.3624,
8.7721

282.6670,
302.6190, 286.2601

6.2480, 6.9910,
4.4980

336.6098,

3.0385, 3.4565,

360.0158, 343.3205

1.9023

397.0127,
424.2466, 407.5003

■ 1.1742, 1.3744,
0.4942

■ 0.0858, 0.1978,
0.0000

■ 74.2112, 80.2265,
69.9664

■ 74.2112, 80.2265,
69.9664

■ 71.3435, 78.7062,
56.0143

■ 77.5077, 81.9254,
86.1514

■ 68.8794, 77.3464,
44.1917

■ 81.2438, 83.7993,
104.6561


■ 66.8010, 76.1427,
34.3949


■ 81.8340, 84.4166,
106.5887


■ 65.0866, 75.0864,
26.5094


■ 82.0734, 84.8953,
106.6684


 63.7122, 74.1679,
20.4093


 82.3139, 85.3763,
106.7486


 62.6513, 73.3765,
15.9538


 82.5555, 85.8595,
106.8291


 61.8729, 72.6998,
12.9808

 82.7982, 86.3450,
106.9101

 61.3400, 72.1231,
11.2954

 83.0421, 86.8327,
106.9913

 61.0424, 71.7133,
10.6248

 83.2870, 87.3226,
107.0730

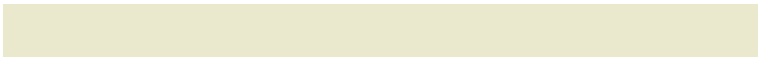
Harmonies

Analogous

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



77.7409, 80.2265, 69.5821



74.2112, 80.2265, 69.9664



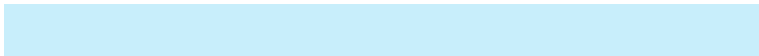
71.3167, 80.2265, 74.7763

Triad

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



74.2112, 80.2265, 69.9664



71.7247, 80.2265, 102.6183



83.1309, 80.2265, 91.6559

Complementary

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



74.2112, 80.2265, 69.9664



62.6176, 63.6868, 86.8352

Split Complementary

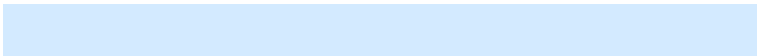
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4118, 80.2265, 101.2664



74.2112, 80.2265, 69.9664



74.7840, 80.2265, 107.9181

Square

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



74.2112, 80.2265, 69.9664



69.9121, 80.2265, 93.3871



78.3317, 80.2265, 107.4049



82.9659, 80.2265, 81.5847

Rectangle

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



74.2112, 80.2265, 69.9664



70.1032, 80.2265, 80.0729



78.3317, 80.2265, 107.4049



82.7521, 80.2265, 95.0616

Sweetspot

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



74.2134, 80.2300, 69.9681



93.3354, 99.1293, 100.4408



67.3154, 66.1607, 68.5117



19.9107, 21.1835, 21.1688



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.



74.2134, 80.2300, 69.9681



89.4222, 97.1033, 81.2548



70.5051, 78.7378, 69.8755



16.3034, 17.5297, 16.0430



34.3228, 40.3399, 5.9774



2.7096, 3.1964, 0.4742

Inverse Universe

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



62.6176, 63.6868, 86.8352



73.0965, 73.8122, 105.0023



66.0168, 65.0824, 86.9254



14.2741, 14.6347, 18.9947



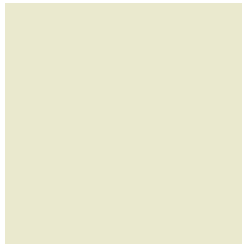
8.4155, 3.4780, 43.9707



0.6760, 0.3035, 3.4578

Previews

White Background



This preview shows how the XYZ color 74.2112, 80.2265, 69.9664 looks on a white background.

Color Contrast Check

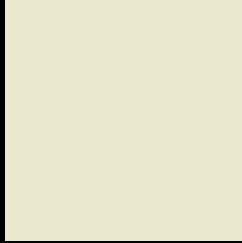
Large Text (above 18pt) WCAG AA × Fail

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 74.2112, 80.2265, 69.9664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

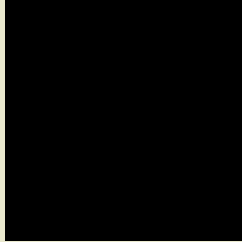
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

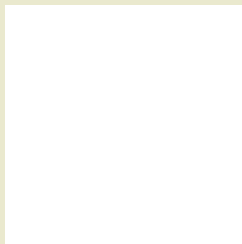
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2112, 80.2265, 69.9664

Background



This preview shows how black text looks on a background with the XYZ color 74.2112, 80.2265, 69.9664.

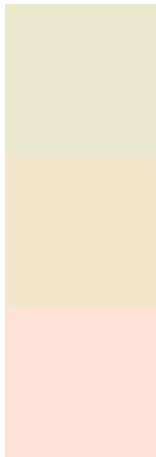


This preview shows how white text looks on a background with the XYZ color 74.2112, 80.2265,

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

74.2112, 80.2265, 69.9664

Protanopia

76.2133, 80.4369, 69.2666

Deuteranopia

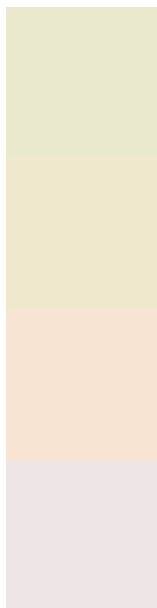
80.3028, 79.9655, 74.8208



Tritanopia

79.8857, 80.0560, 97.6281

Trichromacy



Original Color

74.2112, 80.2265, 69.9664

Protanomaly

75.4727, 80.4717, 69.3124

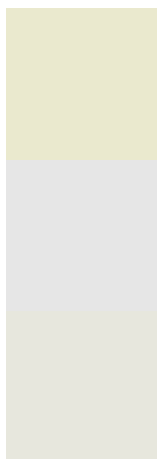
Deuteranomaly

77.8590, 79.9641, 72.9590

Tritanomaly

77.7030, 79.9853, 86.9446

Monochromacy



Original Color

74.2112, 80.2265, 69.9664

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5821, 79.3612, 79.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2112, 80.2265, 69.9664 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, 233, 206) looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 206)  
}
```

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, 233, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 206) }
```

Border

The CSS property to change the border of an element to XYZ 74.2112, 80.2265, 69.9664 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, 233, 206) }
```


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

```
.border{ border-color:rgb(234, 233, 206) }
```

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

Here you see how a box with a 4 pixel rgb(234, 233, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 206);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2112, 80.2265, 69.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 206) }
```

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

```
.background{ background-color: rgb(234,  
233, 206) }
```

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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