

Converting Colors

XYZ(71.9934, 74.4758, 74.8719)

Have a look what the booklet for
XYZ(71.9934, 74.4758, 74.8719)
contains.

XYZ(71.9913, 74.4725, 74.8703)	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(71.9913, 74.4725,
74.8703)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DED7
RGB	233, 222, 215
RGB Percent	91%, 87%, 84%
CMY	0.0863, 0.1294, 0.1569
CMYK	0.00, 0.05, 0.08, 0.09
HSL	23°, 29%, 88%
HSV	23°, 8%, 91%
XYZ	71.9913, 74.4725, 74.8703
YIQ	224.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

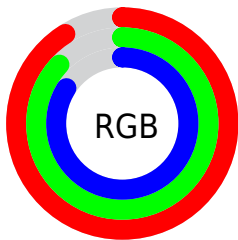
Format	Color
R _Y B	233, 226, 215
Decimal	15326935
CIE Lab	89.15, 2.56, 4.76
CIE LCh	89, 5.403, 61.691
Yxy	74.4725, 0.3253, 0.3365
Android (android.graphics.Color)	4293517015 (0xFFE9DED7)
YUV	224.4910, -4.6791, 7.4624
Hunter-Lab	86.2975, -2.1118, 8.9692

Details

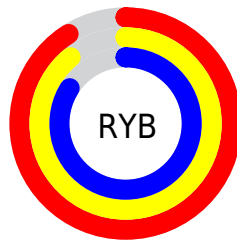
The XYZ color **71.9913, 74.4725, 74.8703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9285, 74.7217, 87.8287**, and the grayscale version is **71.2326, 74.9423, 81.6121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2953, 39.5226, 38.8680** is the 20% darker color. If you saturate the color by 10%, you get **65.5864, 66.1171, 59.0011**, and if you desaturate by 10%, it is **79.1460, 83.6434, 93.0949**.

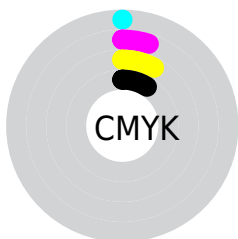
Distribution



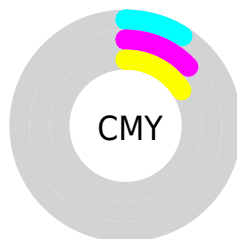
- Red (91%)
- Green (87%)
- Blue (84%)



- Red (91%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9913, 74.4725, 74.8703 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 71.9913, 74.4725, 74.8703 by changing the saturation by 10% instead.

71.9913, 74.4725,
74.8703

71.9913, 74.4725,
74.8703

456.6694,
476.1025, 496.7152

53.4370, 55.1809,
55.0056

121.0550,
125.5654, 127.8742

38.3806, 39.5465,
39.0075

152.2952,
158.1354, 161.8503

26.4568, 27.1852,
26.4577

188.4947,
195.9003, 201.3674

17.3001, 17.7123,
16.9375

230.0188,
239.2446, 246.8439

10.5453, 10.7437,
10.0285

277.2330,
288.5525, 298.6984

5.8270, 5.8947,
5.3120

330.5026,

2.7798, 2.7812,

344.2086, 357.3494

2.3695

390.1930,
406.5971, 423.2155

■ 1.0384, 1.0186,
0.7698

■ 0.0000, 0.0000,
0.0000

■ 71.9913, 74.4725,
74.8703

■ 71.9913, 74.4725,
74.8703

■ 65.5864, 66.1171,
59.0011

■ 79.1460, 83.6434,
93.0949

■ 59.8992, 58.5445,
45.3854

■ 85.9873, 93.2092,
108.0669

■ 54.9046, 51.7339,
33.9209

■ 87.4146, 96.0638,
108.5427

■ 50.5732, 45.6601,
24.4956

■ 46.8735, 40.2963,
16.9872

■ 43.7711, 35.6136,
11.2599

■ 41.2274, 31.5812,
7.1600

■ 39.1986, 28.1647,
4.5070

■ 37.6278, 25.3237,
3.0570

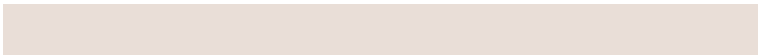
Harmonies

Analogous

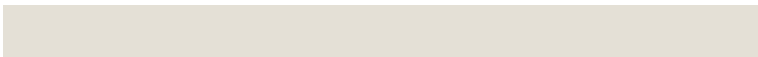
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9601, 74.4725, 77.3381



71.9913, 74.4725, 74.8703



70.7092, 74.4725, 74.0540

Triad

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



71.9913, 74.4725, 74.8703



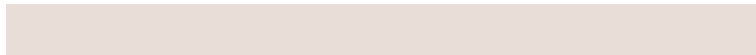
68.2832, 74.4725, 81.3021



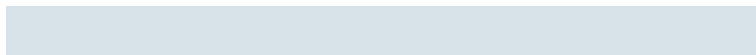
72.1223, 74.4725, 87.4153

Complementary

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



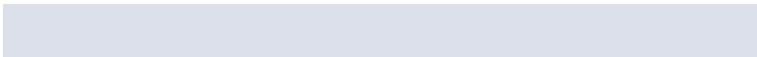
71.9913, 74.4725, 74.8703



69.9285, 74.7217, 87.8287

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.



70.8586, 74.4725, 88.5536



71.9913, 74.4725, 74.8703



68.6514, 74.4725, 84.9570

Square

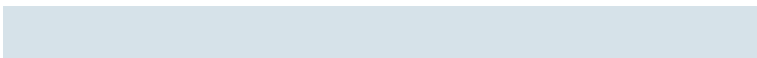
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9913, 74.4725, 74.8703



68.5782, 74.4725, 77.6978



69.5900, 74.4725, 87.6405



73.0363, 74.4725, 84.5752

Rectangle

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



71.9913, 74.4725, 74.8703



69.8522, 74.4725, 74.5354



69.5900, 74.4725, 87.6405



71.7238, 74.4725, 88.0136

Sweetspot

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



71.9934, 74.4758, 74.8719



93.2538, 97.7042, 104.3041



71.6469, 71.4221, 82.0341



19.9790, 20.9369, 22.3735



0.0000, 0.0000, 0.0000



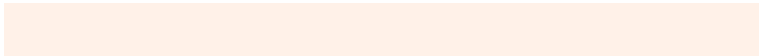
20.3446, 21.4041, 23.3091

Same Dimension

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



71.9934, 74.4758, 74.8719



87.2621, 89.9880, 89.1514



74.4189, 79.3267, 75.6804



15.5461, 16.0153, 15.7906



21.2862, 14.2667, 1.6318



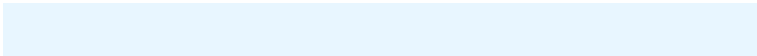
1.7625, 1.3023, 0.1585

Inverse Universe

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



69.9285, 74.7217, 87.8287



84.3219, 90.3381, 107.6005



67.5720, 70.0087, 87.0432



14.9971, 16.0807, 19.2357



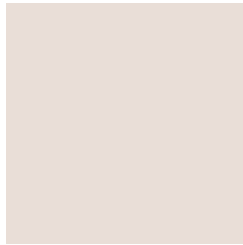
13.9865, 14.6199, 45.8277



1.1912, 1.3340, 3.6296

Previews

White Background



This preview shows how the XYZ color 71.9913, 74.4725, 74.8703 looks on a white background.

Color Contrast Check

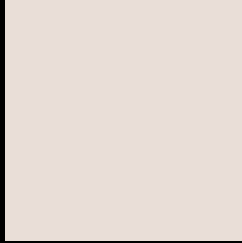
Large Text (above 18pt) WCAG AA × Fail

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 71.9913, 74.4725, 74.8703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

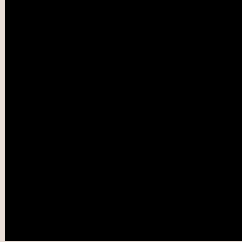
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

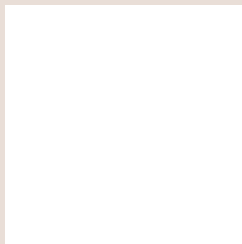
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9913, 74.4725, 74.8703

Background



This preview shows how black text looks on a background with the XYZ color 71.9913, 74.4725, 74.8703.

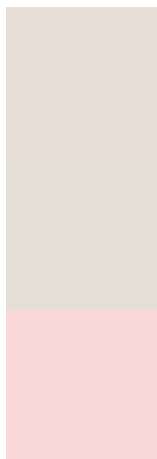


This preview shows how white text looks on a background with the XYZ color 71.9913, 74.4725,

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

71.9913, 74.4725, 74.8703

Protanopia

71.4155, 74.5562, 75.5925

Deuteranopia

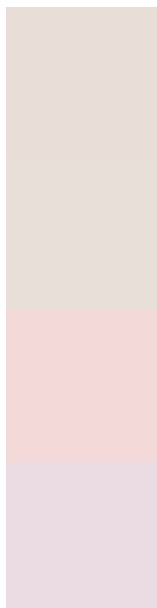
75.6619, 74.0261, 75.2664



Tritanopia

75.0639, 74.5520, 89.7906

Trichromacy



Original Color

71.9913, 74.4725, 74.8703

Protanomaly

71.7373, 74.7221, 75.6076

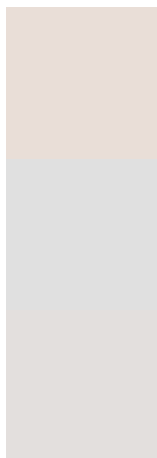
Deuteranomaly

74.4282, 74.1554, 75.3564

Tritanomaly

73.8577, 74.4500, 83.8764

Monochromacy



Original Color

71.9913, 74.4725, 74.8703

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1174, 74.3267, 79.0048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9913, 74.4725, 74.8703 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(233, 222, 215) looks like.

```
.text, #text, p{  
    color:rgb(233, 222, 215)  
}
```

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(233, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 215) }
```

Border

The CSS property to change the border of an element to XYZ 71.9913, 74.4725, 74.8703 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(233, 222, 215) }
```


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

```
.border{ border-color:rgb(233, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(233, 222,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9913, 74.4725, 74.8703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 215) }
```

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

```
.background{ background-color: rgb(233,  
222, 215) }
```

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