

Converting Colors

XYZ(72.8345, 75.1807, 71.3606)

Have a look what the booklet for
XYZ(72.8345, 75.1807, 71.3606)
contains.

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Color

**XYZ(72.6792, 74.9002,
71.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDED2
RGB	237, 222, 210
RGB Percent	93%, 87%, 82%
CMY	0.0706, 0.1294, 0.1765
CMYK	0.00, 0.06, 0.11, 0.07
HSL	27°, 43%, 88%
HSV	27°, 11%, 93%
XYZ	72.6792, 74.9002, 71.5994
YIQ	225.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

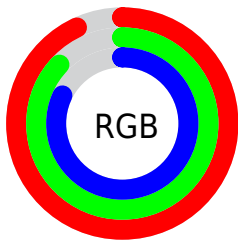
Format	Color
R _Y B	237, 232, 210
Decimal	15589074
CIE Lab	89.35, 3.14, 7.71
CIE LCh	89, 8.329, 67.825
Yxy	74.9002, 0.3316, 0.3417
Android (android.graphics.Color)	4293779154 (0xFFEDED2)
YUV	225.1170, -7.4527, 10.4214
Hunter-Lab	86.5449, -1.5518, 11.5303

Details

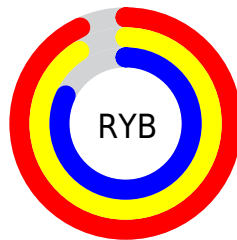
The XYZ color **72.6792, 74.9002, 71.5994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7895, 73.6652, 90.7148**, and the grayscale version is **71.6993, 75.4333, 82.1469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8755, 39.8615, 37.0976** is the 20% darker color. If you saturate the color by 10%, you get **66.5823, 67.0865, 56.0624**, and if you desaturate by 10%, it is **79.4905, 83.4414, 89.5337**.

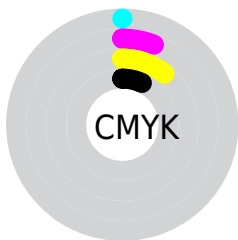
Distribution



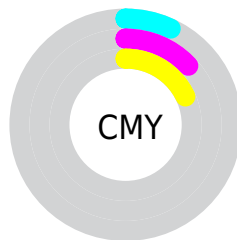
- Red (93%)
- Green (87%)
- Blue (82%)



- Red (93%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6792, 74.9002, 71.5994 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 72.6792, 74.9002, 71.5994 by changing the saturation by 10% instead.

72.6792, 74.9002,
71.5994

72.6792, 74.9002,
71.5994

459.0232,
477.5745, 485.0861

54.0011, 55.5311,
52.3467

122.0273,
126.1711, 123.1892

38.8332, 39.8271,
36.8973

153.4280,
158.8417, 156.3634

26.8102, 27.4038,
24.8328

189.8003,
196.7149, 195.0151

17.5666, 17.8767,
15.7347

231.5096,
240.1752, 239.5630

10.7370, 10.8615,
9.1843

278.9211,
289.6069, 290.4254

5.9563, 5.9738,
4.7631

332.4004,

2.8589, 2.8291,

345.3944, 348.0211

2.0527

392.3126,
407.9221, 412.7684

■ 1.0796, 1.0432,
0.5874

■ 0.0079, 0.0000,
0.0000

■ 72.6792, 74.9002,
71.5994

■ 72.6792, 74.9002,
71.5994

■ 66.5823, 67.0865,
56.0624

■ 79.4905, 83.4414,
89.5337

■ 61.1684, 59.9703,
42.8149

■ 86.6449, 92.5636,
107.9076

■ 56.4124, 53.5338,
31.7482

■ 88.7354, 96.7447,
108.6045

■ 52.2854, 47.7549,
22.7423

■ 48.7559, 42.6097,
15.6660

■ 45.7894, 38.0729,
10.3725

■ 43.3466, 34.1166,
6.6934

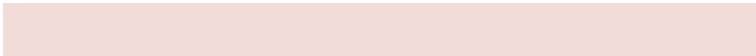
■ 41.3819, 30.7099,
4.4272

■ 40.0149, 28.1836,
3.3310

Harmonies

Analogous

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



74.3297, 74.9002, 74.8652



72.6792, 74.9002, 71.5994



70.6584, 74.9002, 70.9364

Triad

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



72.6792, 74.9002, 71.5994



67.3796, 74.9002, 83.0905



73.6198, 74.9002, 90.7401

Complementary

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



72.6792, 74.9002, 71.5994



68.7895, 73.6652, 90.7148

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.



71.7251, 74.9002, 93.1806



72.6792, 74.9002, 71.5994



68.1408, 74.9002, 88.6289

Square

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



72.6792, 74.9002, 71.5994



67.6241, 74.9002, 77.3920



69.7221, 74.9002, 92.3901



74.8799, 74.9002, 85.8617

Rectangle

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



72.6792, 74.9002, 71.5994



69.3775, 74.9002, 72.0287



69.7221, 74.9002, 92.3901



73.0346, 74.9002, 91.8831

Sweetspot

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



72.6813, 74.9035, 71.6010



92.5021, 96.8360, 102.0950



71.6042, 69.5514, 81.1007



19.6563, 20.5488, 21.4729



0.0000, 0.0000, 0.0000



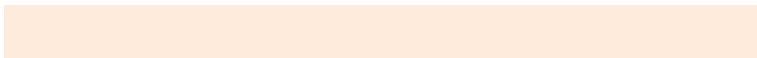
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6813, 74.9035, 71.6010



83.8234, 85.9057, 79.3886



76.3244, 82.1898, 72.8154



15.6167, 16.1565, 15.8141



21.9728, 15.6399, 1.8607



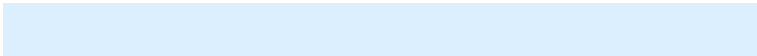
1.8200, 1.4173, 0.1776

Inverse Universe

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



68.7895, 73.6652, 90.7148



78.2577, 84.1344, 106.7227



65.3590, 66.8042, 89.5713



14.9250, 15.9364, 19.2116



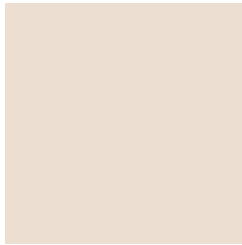
12.9562, 12.5594, 45.4843



1.1131, 1.1777, 3.6035

Previews

White Background



This preview shows how the XYZ color 72.6792, 74.9002, 71.5994 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 72.6792, 74.9002, 71.5994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

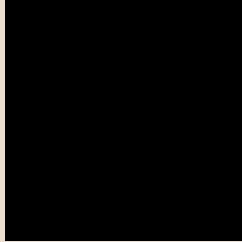
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

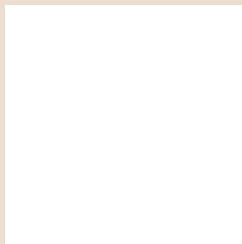
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6792, 74.9002, 71.5994

Background



This preview shows how black text looks on a background with the XYZ color 72.6792, 74.9002, 71.5994.



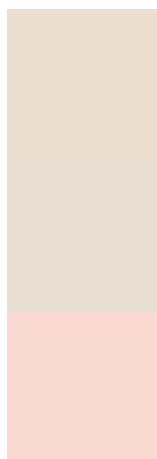
This preview shows how white text looks on a background with the XYZ color 72.6792, 74.9002,

71.5994.

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

72.6792, 74.9002, 71.5994

Protanopia

71.6922, 75.1703, 72.3587

Deuteranopia

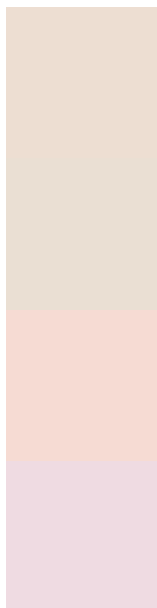
76.3544, 74.8381, 72.0489



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

72.6792, 74.9002, 71.5994

Protanomaly

72.0772, 74.9709, 72.3000

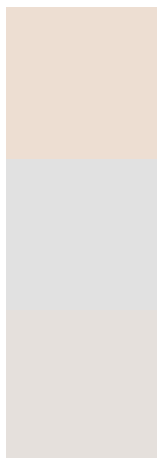
Deuteranomaly

75.0954, 74.9590, 72.1386

Tritanomaly

74.6556, 74.5047, 82.3976

Monochromacy



Original Color

72.6792, 74.9002, 71.5994

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8870, 75.1366, 78.4241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6792, 74.9002, 71.5994 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(237, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 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(237, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 210) }
```

Border

The CSS property to change the border of an element to XYZ 72.6792, 74.9002, 71.5994 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(237, 222, 210) }
```


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

```
.border{ border-color:rgb(237, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6792, 74.9002, 71.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 210) }
```

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

```
.background{ background-color: rgb(237,  
222, 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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