

# Converting Colors

XYZ(72.5976, 74.4560, 71.9775)

Have a look what the booklet for  
XYZ(72.5976, 74.4560, 71.9775)  
contains.

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# Color

**XYZ(72.5394, 74.4206,  
72.1694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDDDD3
RGB	237, 221, 211
RGB Percent	93%, 87%, 83%
CMY	0.0706, 0.1333, 0.1725
CMYK	0.00, 0.07, 0.11, 0.07
HSL	23°, 42%, 88%
HSV	23°, 11%, 93%
XYZ	72.5394, 74.4206, 72.1694
YIQ	224.6440, 12.7460, 0.2820

# Conversions

## Conversions Part 2

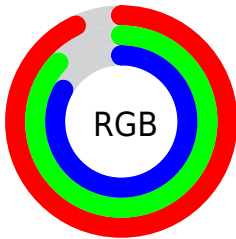
Format	Color
<a href="#">RYB</a>	<a href="#">237, 227, 211</a>
Decimal	<a href="#">15588819</a>
CIELab	<a href="#">89.12, 3.82, 6.86</a>
CIELCh	<a href="#">89, 7.856, 60.893</a>
Yxy	<a href="#">74.4206, 0.3310, 0.3396</a>
Android (android.graphics.Color)	<a href="#">4293778899 (0xFFE9DDD3)</a>
YUV	<a href="#">224.6440, -6.7265, 10.8362</a>
Hunter-Lab	<a href="#">86.2674, -0.8731, 10.7864</a>

# Details

The XYZ color **72.5394, 74.4206, 72.1694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6189, 74.9001, 90.9094**, and the grayscale version is **71.3546, 75.0706, 81.7518**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7781, 39.5305, 37.4846** is the 20% darker color. If you saturate the color by 10%, you get **66.1011, 65.9530, 56.4294**, and if you desaturate by 10%, it is **79.7543, 83.7387, 90.3312**.

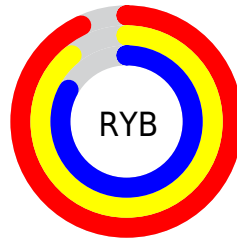
# Distribution



Red (93%)

Green (87%)

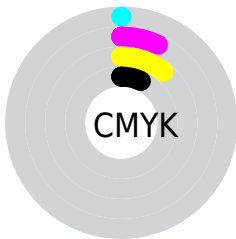
Blue (83%)



Red (93%)

Yellow (89%)

Blue (83%)

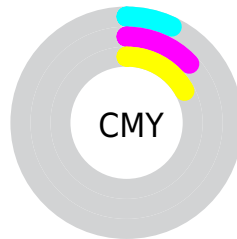


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (7%)



Cyan (7%)

Magenta (13%)


Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5394, 74.4206, 72.1694 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 72.5394, 74.4206, 72.1694 by changing the saturation by 10% instead.



 72.5394, 74.4206,  
72.1694

 72.5394, 74.4206,  
72.1694


458.5454,  
475.9237, 487.1244

 53.8865, 55.1384,  
52.8094


121.8298,  
125.4919, 124.0073

 38.7412, 39.5125,  
37.2639


153.1979,  
158.0497, 157.3223

 26.7383, 27.1587,  
25.1145


189.5351,  
195.8014, 196.1260

 17.5123, 17.6924,  
15.9426

231.2069,  
239.1316, 240.8369

 10.6980, 10.7294,  
9.3296

278.5784,  
288.4245, 291.8737

 5.9299, 5.8852,  
4.8571

332.0151,

 2.8428, 2.7754,

344.0645, 349.6549

2.1064

391.8823,  
406.4362, 414.5989

■ 1.0712, 1.0156,  
0.6196

■ 0.0008, 0.0000,  
0.0000

■ 72.5394, 74.4206,  
72.1694

■ 72.5394, 74.4206,  
72.1694

■ 66.1011, 65.9530,  
56.4294

■ 79.7543, 83.7387,  
90.3312

■ 60.4058, 58.3016,  
43.0031

■ 87.2130, 93.6999,  
108.0970

■ 55.4260, 51.4438,  
31.7812

■ 88.7354, 96.7447,  
108.6045

■ 51.1305, 45.3523,  
22.6434

■ 47.4851, 39.9981,  
15.4581

■ 44.4525, 35.3501,  
10.0782

■ 41.9908, 31.3745,  
6.3355

■ 40.0511, 28.0336,  
4.0292

■ 38.6831, 25.5201,  
2.8870

# Harmonies

## Analogous

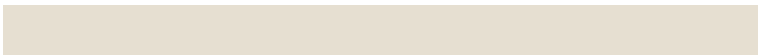
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9390, 74.4206, 75.7409



72.5394, 74.4206, 72.1694



70.6772, 74.4206, 70.9458

# Triad

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



72.5394, 74.4206, 72.1694



67.1192, 74.4206, 81.1957



72.6404, 74.4206, 90.4139

# Complementary

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



72.5394, 74.4206, 72.1694



69.6189, 74.9001, 90.9094

# 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.



70.7919, 74.4206, 92.0302



72.5394, 74.4206, 72.1694



67.6241, 74.4206, 86.5627

# Square

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



72.5394, 74.4206, 72.1694



67.5684, 74.4206, 76.0131



68.9599, 74.4206, 90.5907



73.9980, 74.4206, 86.2658



# Rectangle

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



72.5394, 74.4206, 72.1694



69.4306, 74.4206, 71.5805



68.9599, 74.4206, 90.5907



72.0548, 74.4206, 91.2795

# Sweetspot

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



72.5415, 74.4239, 72.1710



92.3595, 96.5509, 102.0474



72.0900, 70.1420, 82.4373



19.6179, 20.4719, 21.4601



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

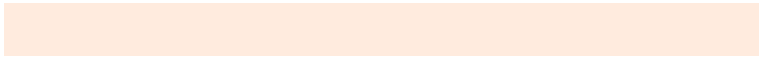


# Same Dimension

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



72.5415, 74.4239, 72.1710



84.0002, 85.7169, 81.1196



76.0971, 81.5352, 73.3562



15.5406, 16.0043, 15.7888



21.2370, 14.1683, 1.6154



1.7582, 1.2938, 0.1571

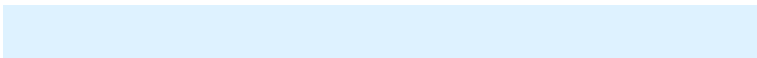


# Inverse Universe

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



69.6189, 74.9001, 90.9094



79.9532, 86.3758, 107.0660



66.2061, 68.0744, 89.7718



15.0028, 16.0920, 19.2376



14.0722, 14.7913, 45.8563

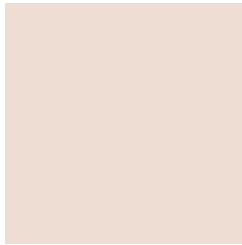


1.1977, 1.3468, 3.6317



# Previews

## White Background



This preview shows how the XYZ color 72.5394, 74.4206, 72.1694 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 72.5394, 74.4206, 72.1694 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

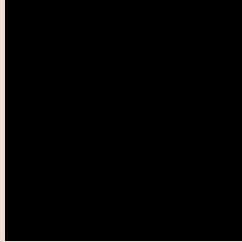
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 72.5394, 74.4206, 72.1694

## Background



This preview shows how black text looks on a background with the XYZ color 72.5394, 74.4206, 72.1694.



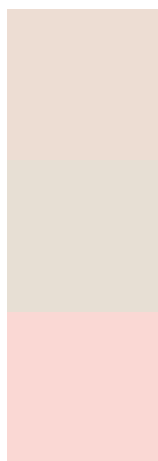
This preview shows how white text looks on a background with the XYZ color 72.5394, 74.4206,

72.1694.

# 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

72.5394, 74.4206, 72.1694

### Protanopia

71.2263, 74.5177, 72.9167

### Deuteranopia

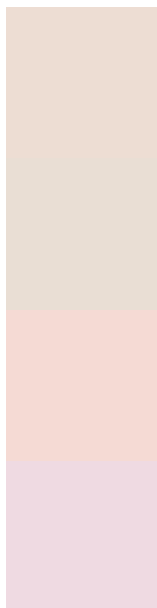
75.8639, 74.1892, 72.6088



## Tritanopia

75.7434, 74.1491, 88.9174

# Trichromacy



## Original Color

72.5394, 74.4206, 72.1694

## Protanomaly

71.6092, 74.3197, 72.8583

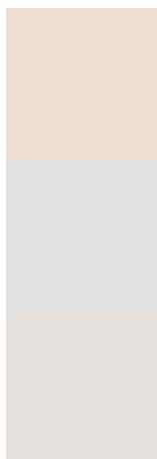
## Deuteranomaly

74.6113, 74.3088, 72.6979

## Tritanomaly

74.3955, 73.9845, 82.3109

# Monochromacy



## Original Color

72.5394, 74.4206, 72.1694

## 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 72.5394, 74.4206, 72.1694 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, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 211)  
}
```

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, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 72.5394, 74.4206, 72.1694 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, 221, 211) }
```



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

```
.border{ border-color:rgb(237, 221, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 72.5394, 74.4206, 72.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 211) }
```

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

```
.background{ background-color: rgb(237,  
221, 211) }
```

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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