

Converting Colors

XYZ(72.7585, 74.5007, 72.9239)

Have a look what the booklet for
XYZ(72.7585, 74.5007, 72.9239)
contains.

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Color

**XYZ(72.6652, 74.4709,
72.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDDD4
RGB	237, 221, 212
RGB Percent	93%, 87%, 83%
CMY	0.0706, 0.1333, 0.1686
CMYK	0.00, 0.07, 0.11, 0.07
HSL	22°, 41%, 88%
HSV	22°, 11%, 93%
XYZ	72.6652, 74.4709, 72.8318
YIQ	224.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

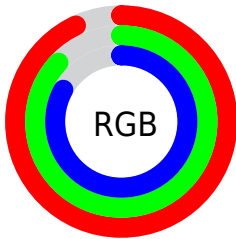
Format	Color
R_{YB}	237, 226, 212
Decimal	15588820
CIE _{Lab}	89.14, 3.98, 6.37
CIE _{LCh}	89, 7.515, 57.992
Y _{xy}	74.4709, 0.3303, 0.3386
Android (android.graphics.Color)	4293778900 (0xFFE _{DDDD} 4)
Y _{UV}	224.7580, -6.2897, 10.7362
Hunter-Lab	86.2965, -0.7146, 10.3685

Details

The XYZ color **72.6652, 74.4709, 72.8318** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1807, 75.5970, 91.0144**, and the grayscale version is **71.4335, 75.1536, 81.8423**.

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 **66.0683, 65.7150, 56.9496**, and if you desaturate by 10%, it is **80.0668, 84.1322, 91.1490**.

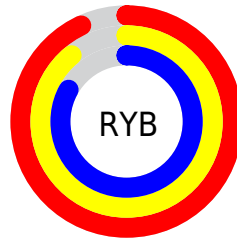
Distribution



Red (93%)

Green (87%)

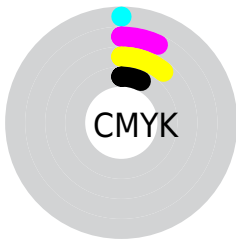
Blue (83%)



Red (93%)

Yellow (89%)

Blue (83%)

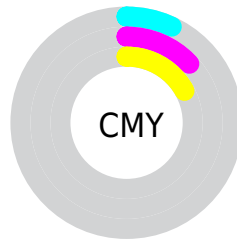


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6652, 74.4709, 72.8318 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 72.6652, 74.4709, 72.8318 by changing the saturation by 10% instead.

72.6652, 74.4709,
72.8318

72.6652, 74.4709,
72.8318

458.9754,
476.0970, 489.4868

53.9896, 55.1795,
53.3475

122.0075,
125.5631, 124.9571

38.8240, 39.5455,
37.6906

153.4050,
158.1328, 158.4351

26.8030, 27.1843,
25.4427

189.7738,
195.8973, 197.4148

17.5611, 17.7117,
16.1852

231.4793,
239.2411, 242.3147

10.7331, 10.7432,
9.4995

278.8868,
288.5486, 293.5533

5.9536, 5.8944,
4.9672

332.3618,

2.8573, 2.7810,

344.2041, 351.5491

2.1696

392.2695,
406.5921, 416.7208

■ 1.0788, 1.0185,
0.6567

■ 0.0072, 0.0000,
0.0000

■ 72.6652, 74.4709,
72.8318

■ 72.6652, 74.4709,
72.8318

■ 66.0683, 65.7150,
56.9496

■ 80.0668, 84.1322,
91.1490

■ 60.2413, 57.8280,
43.3942

■ 87.5770, 94.4278,
108.2183

■ 55.1559, 50.7851,
32.0563

■ 88.7354, 96.7447,
108.6045

■ 50.7797, 44.5568,
22.8156

■ 47.0773, 39.1115,
15.5407

■ 44.0101, 34.4154,
10.0847

■ 41.5351, 30.4318,
6.2800

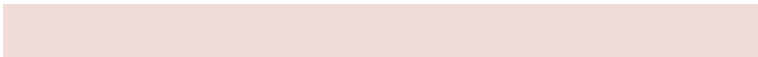
■ 39.6020, 27.1199,
3.9269

■ 38.2024, 24.5587,
2.7268

Harmonies

Analogous

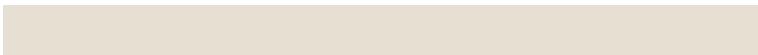
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9374, 74.4709, 76.4445



72.6652, 74.4709, 72.8318



70.9058, 74.4709, 71.4196

Triad

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



72.6652, 74.4709, 72.8318



67.3213, 74.4709, 80.7333



72.4479, 74.4709, 90.3209

Complementary

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



72.6652, 74.4709, 72.8318



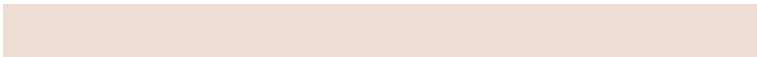
70.1807, 75.5970, 91.0144

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.



70.6590, 74.4709, 91.5878



72.6652, 74.4709, 72.8318



67.7184, 74.4709, 85.9120

Square

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



72.6652, 74.4709, 72.8318



67.8382, 74.4709, 75.8575



68.9323, 74.4709, 89.9417



73.8105, 74.4709, 86.5497

Rectangle

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



72.6652, 74.4709, 72.8318



69.7003, 74.4709, 71.8679



68.9323, 74.4709, 89.9417



71.8756, 74.4709, 91.0607

Sweetspot

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



72.6673, 74.4742, 72.8334



92.3009, 96.4337, 102.0279



72.5078, 70.7079, 83.4082



19.6021, 20.4403, 21.4548



0.0000, 0.0000, 0.0000



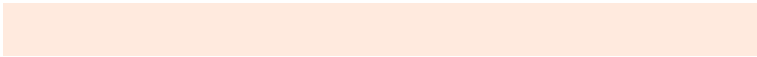
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6673, 74.4742, 72.8334



83.7677, 85.2518, 81.0421



76.0194, 81.1784, 73.9508



15.5095, 15.9420, 15.7784



20.9701, 13.6344, 1.5265



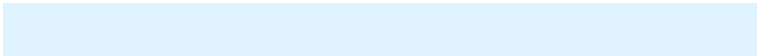
1.7350, 1.2474, 0.1493

Inverse Universe

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



70.1807, 75.5970, 91.0144



80.1969, 86.8632, 107.1472



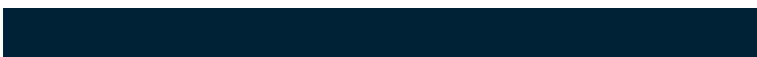
66.9303, 69.0963, 89.9309



15.0350, 16.1564, 19.2483



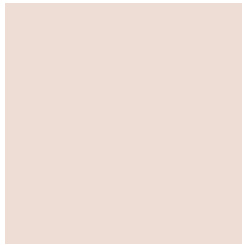
14.5727, 15.7924, 46.0231



1.2349, 1.4213, 3.6441

Previews

White Background



This preview shows how the XYZ color 72.6652, 74.4709, 72.8318 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 72.6652, 74.4709, 72.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

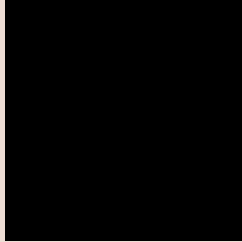
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

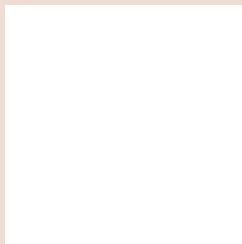
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6652, 74.4709, 72.8318

Background



This preview shows how black text looks on a background with the XYZ color 72.6652, 74.4709, 72.8318.



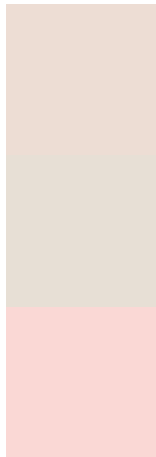
This preview shows how white text looks on a background with the XYZ color 72.6652, 74.4709,

72.8318.

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

72.6652, 74.4709, 72.8318

Protanopia

71.3529, 74.5684, 73.5832

Deuteranopia

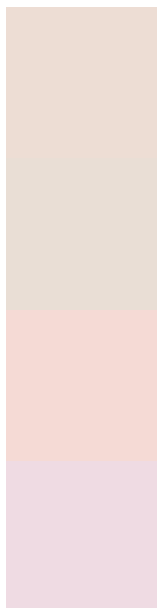
75.9904, 74.2398, 73.2754



Tritanopia

76.0020, 74.6662, 89.0035

Trichromacy



Original Color

72.6652, 74.4709, 72.8318

Protanomaly

71.7358, 74.3703, 73.5248

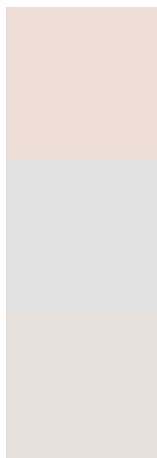
Deuteranomaly

74.7378, 74.3594, 73.3645

Tritanomaly

74.7932, 74.5598, 83.1225

Monochromacy



Original Color

72.6652, 74.4709, 72.8318

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 72.6652, 74.4709, 72.8318 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 212) }
```

Border

The CSS property to change the border of an element to XYZ 72.6652, 74.4709, 72.8318 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, 212) }
```


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

```
.border{ border-color:rgb(237, 221, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6652, 74.4709, 72.8318 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, 212) }
```

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

```
.background{ background-color: rgb(237,  
221, 212) }
```

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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