

Converting Colors

XYZ(72.4737, 75.7353, 83.4734)

Have a look what the booklet for
XYZ(72.4737, 75.7353, 83.4734)
contains.

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Color

**XYZ(72.4689, 75.7274,
83.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E1E3
RGB	227, 225, 227
RGB Percent	89%, 88%, 89%
CMY	0.1098, 0.1176, 0.1098
CMYK	0.00, 0.01, 0.00, 0.11
HSL	300°, 3%, 89%
HSV	300°, 1%, 89%
XYZ	72.4689, 75.7274, 83.4704
YIQ	225.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

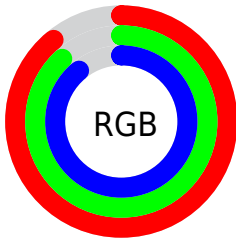
Format	Color
RYB	227, 225, 227
Decimal	14934499
CIELab	89.73, 1.04, -0.75
CIElCh	90, 1.277, 324.267
Yxy	75.7274, 0.3128, 0.3269
Android (android.graphics.Color)	4293124579 (0xFFE3E1E3)
YUV	225.8260, 0.5788, 1.0296
Hunter-Lab	87.0215, -3.6381, 4.0445

Details

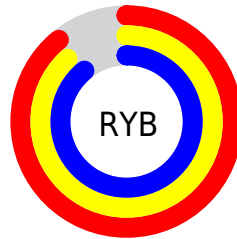
The XYZ color **72.4689, 75.7274, 83.4704** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1140, 76.3840, 82.1809**, and the grayscale version is **72.1606, 75.9186, 82.6753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8344, 40.4987, 44.8000** is the 20% darker color. If you saturate the color by 10%, you get **66.7360, 64.2614, 81.5605**, and if you desaturate by 10%, it is **79.0219, 88.8315, 85.6555**.

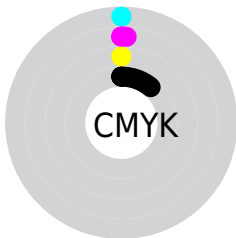
Distribution



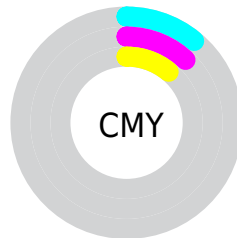
- Red (89%)
- Green (88%)
- Blue (89%)



- Red (89%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4689, 75.7274, 83.4704 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 72.4689, 75.7274, 83.4704 by changing the saturation by 10% instead.

■ 72.4689, 75.7274,
83.4704

■ 72.4689, 75.7274,
83.4704

458.3044,
480.4140, 526.5649

■ 53.8286, 56.2090,
62.0354

121.7301,
127.3415, 140.0892

■ 38.6948, 40.3705,
44.6253

153.0818,
160.2060, 176.1101

■ 26.7020, 27.8276,
30.8216

189.4014,
198.2880, 217.8301

■ 17.4850, 18.1957,
20.2057

231.0541,
241.9718, 265.6677

■ 10.6783, 11.0906,
12.3591

278.4055,
291.6420, 320.0415

■ 5.9167, 6.1278,
6.8633

331.8207,

■ 2.8346, 2.9229,

347.6828, 381.3699

3.2996

391.6652,
410.4787, 450.0715

■ 1.0669, 1.0916,
1.2496

■ 0.0000, 0.0000,
0.0199

■ 72.4689, 75.7274,
83.4704

■ 72.4689, 75.7274,
83.4704

■ 66.7360, 64.2614,
81.5605

■ 79.0219, 88.8315,
85.6555

■ 61.7848, 54.3600,
79.9103

■ 81.3055, 93.3979,
86.4165

■ 57.5835, 45.9582,
78.5100

■ 81.3061, 93.3982,
86.4166

■ 54.0955, 38.9829,
77.3475

■ 81.3067, 93.3985,
86.4166

51.2811, 33.3551,
76.4096

81.3073, 93.3988,
86.4166

49.0970, 28.9877,
75.6817

81.3079, 93.3991,
86.4166

47.4946, 25.7838,
75.1477

81.3084, 93.3994,
86.4167

46.4183, 23.6322,
74.7891

81.3090, 93.3997,
86.4167

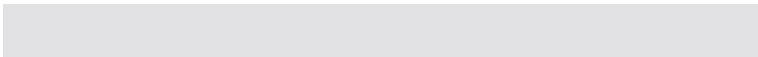
45.8019, 22.4001,
74.5838

81.3096, 93.4000,
86.4167

Harmonies

Analogous

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



72.2256, 75.7274, 84.0441



72.4689, 75.7274, 83.4704



72.5803, 75.7274, 82.6275

Triad

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



72.4689, 75.7274, 83.4704



72.0371, 75.7274, 80.7421



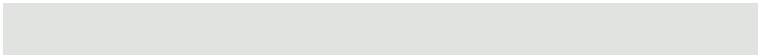
71.4264, 75.7274, 83.1685

Complementary

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



72.4689, 75.7274, 83.4704



72.1140, 76.3840, 82.1809

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.



71.3763, 75.7274, 82.2813



72.4689, 75.7274, 83.4704



71.7282, 75.7274, 80.8846

Square

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



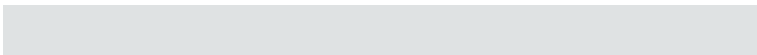
72.4689, 75.7274, 83.4704



72.3306, 75.7274, 81.0556



71.4866, 75.7274, 81.4464



71.6238, 75.7274, 83.8689

Rectangle

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



72.4689, 75.7274, 83.4704



72.5646, 75.7274, 82.0279



71.4866, 75.7274, 81.4464



71.3918, 75.7274, 82.8821

Sweetspot

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



72.4711, 75.7307, 83.4720

95.0500, 100.0000, 108.9000



71.8541, 75.4260, 83.4458



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

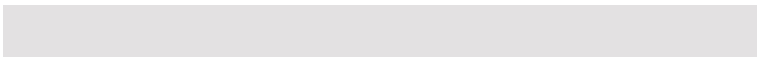
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4711, 75.7307, 83.4720



94.2418, 98.3837, 108.6306



72.3383, 75.6776, 82.7726



16.0901, 16.8051, 18.5400



26.5579, 12.7570, 43.4458



1.9626, 0.9427, 3.2105

Inverse Universe

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



72.1971, 75.6211, 82.0293



93.8340, 98.2206, 106.4829



72.2460, 76.4368, 82.8761



16.0247, 16.7789, 18.1953



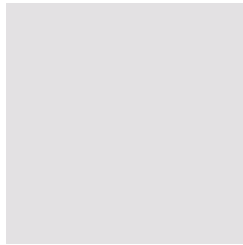
18.4751, 9.5243, 0.8650



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 72.4689, 75.7274, 83.4704 looks on a white background.

Color Contrast Check

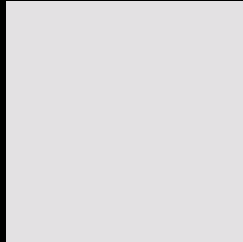
Large Text (above 18pt) WCAG AA × Fail

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 72.4689, 75.7274, 83.4704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

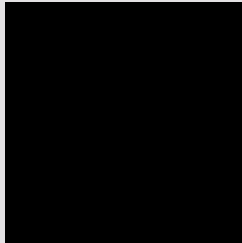
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

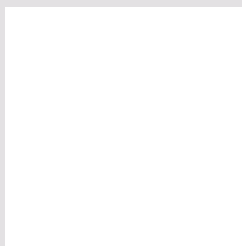
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4689, 75.7274, 83.4704

Background



This preview shows how black text looks on a background with the XYZ color 72.4689, 75.7274, 83.4704.



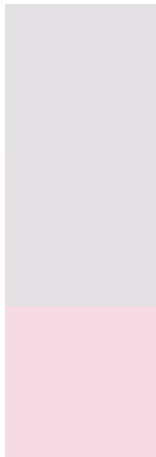
This preview shows how white text looks on a background with the XYZ color 72.4689, 75.7274,

83.4704.

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

72.4689, 75.7274, 83.4704

Protanopia

72.8339, 75.5154, 83.4102

Deuteranopia

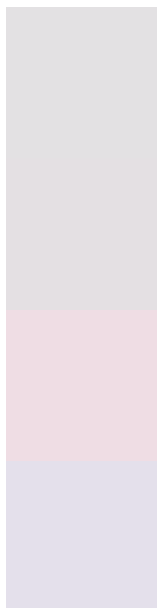
77.0810, 75.3371, 83.8777



Tritanopia

74.4290, 75.7246, 93.1316

Trichromacy



Original Color

72.4689, 75.7274, 83.4704

Protanomaly

72.5157, 75.3513, 83.3953

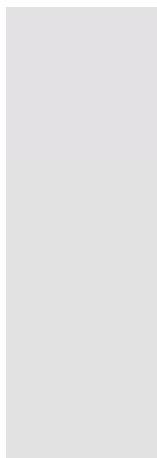
Deuteranomaly

75.4566, 75.6651, 84.0266

Tritanomaly

73.6460, 75.8034, 89.3472

Monochromacy



Original Color

72.4689, 75.7274, 83.4704

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.2879, 76.0525, 82.8211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4689, 75.7274, 83.4704 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(227, 225, 227) looks like.

```
.text, #text, p{  
    color:rgb(227, 225, 227)  
}
```

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(227, 225, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 225, 227) }
```

Border

The CSS property to change the border of an element to XYZ 72.4689, 75.7274, 83.4704 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(227, 225, 227) }
```

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

```
.border{ border-color:rgb(227, 225, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 225, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 225, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 225, 227); box-shadow:4px 4px 4px 4px rgb(227, 225, 227) }
```


Background

The CSS property to change the background color of an element to XYZ 72.4689, 75.7274, 83.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 225, 227) }
```

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

```
.background{ background-color: rgb(227,  
225, 227) }
```

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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