

Converting Colors

XYZ(71.5890, 72.6722, 77.3160)

Have a look what the booklet for
XYZ(71.5890, 72.6722, 77.3160)
contains.

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Color

**XYZ(71.4619, 72.5809,
77.2609)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DADB
RGB	233, 218, 219
RGB Percent	91%, 85%, 86%
CMY	0.0863, 0.1451, 0.1412
CMYK	0.00, 0.06, 0.06, 0.09
HSL	356°, 25%, 88%
HSV	356°, 6%, 91%
XYZ	71.4619, 72.5809, 77.2609
YIQ	222.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

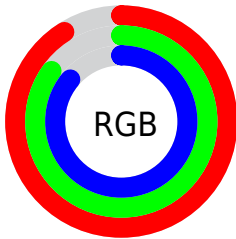
Format	Color
R _Y B	233, 218, 219
Decimal	15325915
CIE Lab	88.25, 5.31, 1.35
CIE LCh	88, 5.481, 14.257
Yxy	72.5809, 0.3229, 0.3280
Android (android.graphics.Color)	4293515995 (0xFFE9DADB)
YUV	222.5990, -1.7743, 9.1217
Hunter-Lab	85.1944, 0.6373, 5.8673

Details

The XYZ color **71.4619, 72.5809, 77.2609** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6206, 79.0114, 87.7711**, and the grayscale version is **69.8644, 73.5028, 80.0446**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9295, 38.2218, 40.5004** is the 20% darker color. If you saturate the color by 10%, you get **63.1605, 60.2648, 61.2764**, and if you desaturate by 10%, it is **80.9910, 86.7517, 95.5026**.

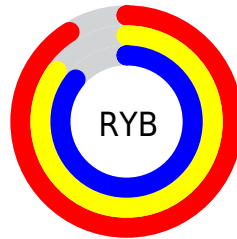
Distribution



Red (91%)

Green (85%)

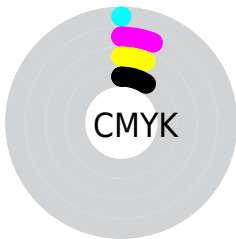
Blue (86%)



Red (91%)

Yellow (85%)

Blue (86%)

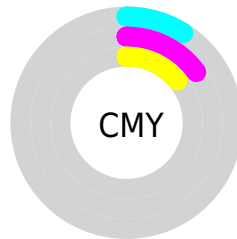


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4619, 72.5809, 77.2609 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 71.4619, 72.5809, 77.2609 by changing the saturation by 10% instead.

71.4619, 72.5809,
77.2609

71.4619, 72.5809,
77.2609

454.8532,
469.5610, 505.1144

53.0031, 53.6333,
56.9542

120.3061,
122.8821, 131.2841

38.0327, 38.3086,
40.5593

151.4223,
155.0044, 165.8376

26.1854, 26.2223,
27.6578

187.4883,
192.2872, 205.9772

17.0958, 16.9900,
17.8311

228.8695,
235.1148, 252.1213

10.3986, 10.2274,
10.6606

275.9312,
283.8716, 304.6886

5.7283, 5.5500,
5.7278

329.0388,

2.7197, 2.5734,

338.9419, 364.0975

2.6142

388.5577,
400.7103, 430.7666

■ 1.0073, 0.9133,
0.8998

■ 0.0000, 0.0000,
0.0000

■ 71.4619, 72.5809,
77.2609

■ 71.4619, 72.5809,
77.2609

■ 63.1605, 60.2648,
61.2764

■ 80.9910, 86.7517,
95.5026

■ 56.0310, 49.7177,
47.4569

■ 87.4147, 96.0639,
108.5427

■ 50.0226, 40.8612,
35.7108

■ 45.0780, 33.6075,
25.9378

■ 41.1351, 27.8606,
18.0298

■ 38.1254, 23.5145,
11.8679

■ 35.9716, 20.4493,
7.3197

■ 34.5840, 18.5250,
4.2337

■ 33.8518, 17.5669,
2.4293

Harmonies

Analogous

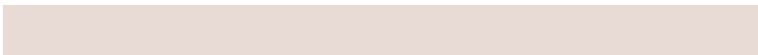
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4446, 72.5809, 81.0063



71.4619, 72.5809, 77.2609



70.8100, 72.5809, 74.0889

Triad

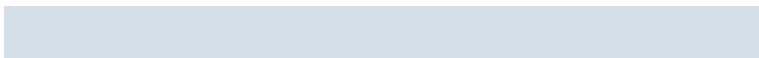
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4619, 72.5809, 77.2609



67.2390, 72.5809, 73.9620



68.3033, 72.5809, 86.1937

Complementary

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



71.4619, 72.5809, 77.2609



72.6206, 79.0114, 87.7711

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.



67.1935, 72.5809, 84.1824



71.4619, 72.5809, 77.2609



66.5844, 72.5809, 77.0827

Square

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



71.4619, 72.5809, 77.2609



68.3661, 72.5809, 72.2256



66.5679, 72.5809, 80.8224



69.6096, 72.5809, 86.2451

Rectangle

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



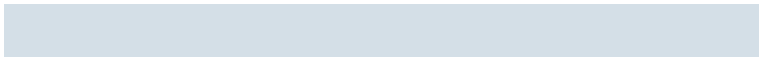
71.4619, 72.5809, 77.2609



70.0883, 72.5809, 72.6927



66.5679, 72.5809, 80.8224



67.8952, 72.5809, 85.7216

Sweetspot

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



71.4639, 72.5841, 77.2625



92.6873, 96.4862, 104.3774



73.0603, 73.1850, 87.3673



19.8636, 20.6888, 22.3885



0.0000, 0.0000, 0.0000



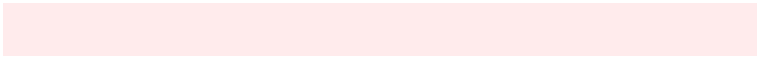
20.3446, 21.4041, 23.3091

Same Dimension

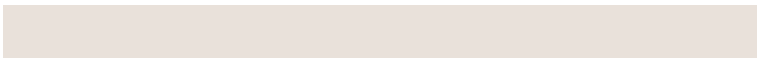
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4639, 72.5841, 77.2625



85.9677, 86.5014, 91.4881



73.0516, 75.9686, 77.1466



15.1060, 15.0703, 15.8437



19.1343, 9.8564, 1.2426



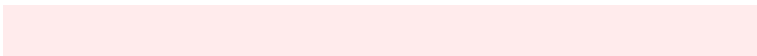
1.5168, 0.7797, 0.1727

Inverse Universe

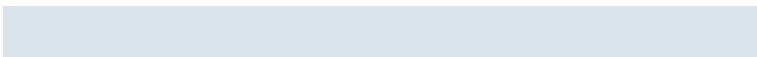
The Inverse Universe completely reimagines the original color for something new.



71.4639, 72.5841, 77.2625



85.9677, 86.5014, 91.4881



70.9566, 75.4563, 87.9166



15.1060, 15.0703, 15.8437



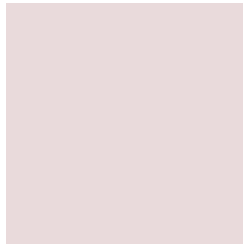
19.1343, 9.8564, 1.2426



1.5168, 0.7797, 0.1727

Previews

White Background



This preview shows how the XYZ color 71.4619, 72.5809, 77.2609 looks on a white background.

Color Contrast Check

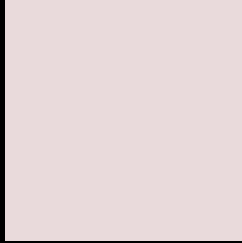
Large Text (above 18pt) WCAG AA × Fail

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 71.4619, 72.5809, 77.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

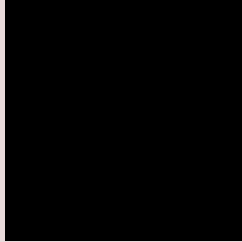
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

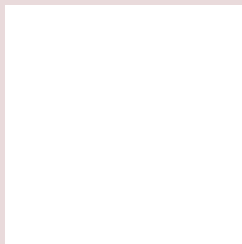
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4619, 72.5809, 77.2609

Background



This preview shows how black text looks on a background with the XYZ color 71.4619, 72.5809, 77.2609.



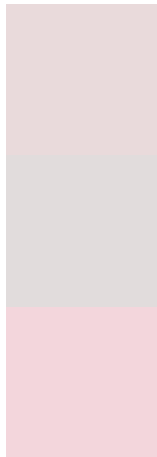
This preview shows how white text looks on a background with the XYZ color 71.4619, 72.5809,

77.2609.

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

71.4619, 72.5809, 77.2609

Protanopia

69.5628, 72.3613, 78.0109

Deuteranopia

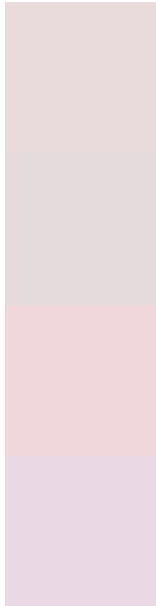
73.9270, 72.3151, 77.7720



Tritanopia

73.5248, 72.6571, 87.2398

Trichromacy



Original Color

71.4619, 72.5809, 77.2609

Protanomaly

70.2447, 72.3243, 77.9678

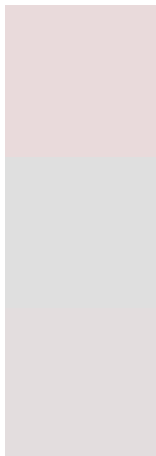
Deuteranomaly

72.8153, 72.1189, 77.7927

Tritanomaly

72.7481, 72.7196, 83.6008

Monochromacy



Original Color

71.4619, 72.5809, 77.2609

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7198, 73.3177, 79.5316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4619, 72.5809, 77.2609 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, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(233, 218, 219)  
}
```

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, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.4619, 72.5809, 77.2609 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, 218, 219) }
```


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

```
.border{ border-color:rgb(233, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 218,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4619, 72.5809, 77.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 218, 219) }
```

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

```
.background{ background-color: rgb(233,  
218, 219) }
```

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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