

Converting Colors

XYZ(69.6429, 74.5094, 78.1862)

Have a look what the booklet for
XYZ(69.6429, 74.5094, 78.1862)
contains.

XYZ(69.6623, 74.3899, 78.3972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.6623, 74.3899,
78.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE1DC
RGB	221, 225, 220
RGB Percent	87%, 88%, 86%
CMY	0.1333, 0.1176, 0.1372
CMYK	0.02, 0.00, 0.02, 0.12
HSL	108°, 8%, 87%
HSV	108°, 2%, 88%
XYZ	69.6623, 74.3899, 78.3972
YIQ	223.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

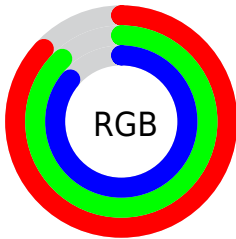
Format	Color
R _Y B	220, 225, 224
Decimal	14541276
CIE Lab	89.11, -2.24, 1.96
CIE LCh	89, 2.976, 138.789
Yxy	74.3899, 0.3132, 0.3344
Android (android.graphics.Color)	4292731356 (0xFFDDE1DC)
YUV	223.2340, -1.5944, -1.9592
Hunter-Lab	86.2496, -6.7654, 6.4826

Details

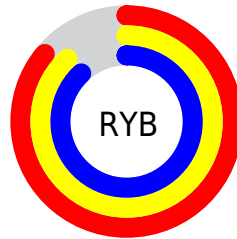
The XYZ color **69.6623, 74.3899, 78.3972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9271, 72.4719, 81.5409**, and the grayscale version is **70.3188, 73.9808, 80.5651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8921, 39.5731, 41.2912** is the 20% darker color. If you saturate the color by 10%, you get **61.6902, 70.6037, 63.5013**, and if you desaturate by 10%, it is **78.6276, 78.6460, 95.4364**.

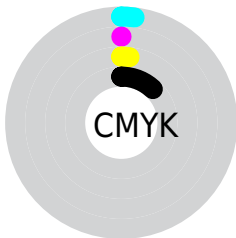
Distribution



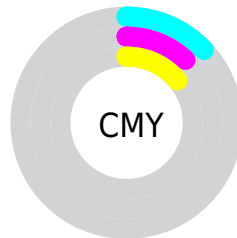
- Red (87%)
- Green (88%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6623, 74.3899, 78.3972 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 69.6623, 74.3899, 78.3972 by changing the saturation by 10% instead.

■ 69.6623, 74.3899,
78.3972

■ 69.6623, 74.3899,
78.3972

448.6483,
475.8180, 509.0783

■ 51.5299, 55.1132,
57.8819

117.7559,
125.4484, 132.9009

■ 36.8532, 39.4924,
41.2997

148.4479,
157.9989, 167.7263

■ 25.2670, 27.1430,
28.2319

184.0570,
195.7429, 208.1590

■ 16.4059, 17.6806,
18.2599

224.9487,
239.0647, 254.6173

■ 9.9045, 10.7209,
10.9654

271.4883,
288.3487, 307.5199

■ 5.3975, 5.8795,
5.9297

324.0413,

■ 2.5194, 2.7720,

343.9793, 367.2852

2.7343

382.9728,
406.3410, 434.3318

■ 0.9051, 1.0139,
0.9606

■ 0.0000, 0.0000,
0.0000

■ 69.6623, 74.3899,
78.3972

■ 69.6623, 74.3899,
78.3972

■ 61.6902, 70.6037,
63.5013

■ 78.6276, 78.6460,
95.4364

■ 54.6706, 67.2620,
50.6591

■ 86.2167, 82.3333,
105.9556

■ 48.5694, 64.3511,
39.7820

■ 43.3478, 61.8532,
30.7731

■ 38.9641, 59.7492,
23.5271

■ 35.3735, 58.0184,
17.9283

■ 32.5265, 56.6381,
13.8473

■ 30.3678, 55.5830,
11.1353

■ 28.8334, 54.8241,
9.6134

Harmonies

Analogous

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



70.2575, 74.3899, 77.2785



69.6623, 74.3899, 78.3972



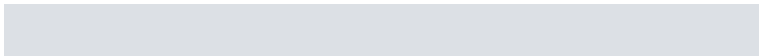
69.3474, 74.3899, 80.2246

Triad

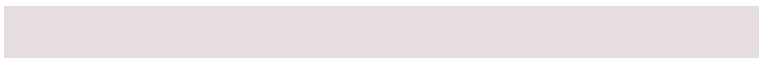
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6623, 74.3899, 78.3972



70.4348, 74.3899, 84.9758



72.0327, 74.3899, 79.7194

Complementary

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



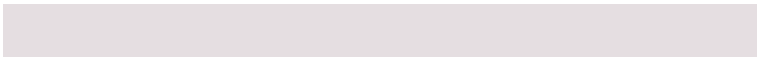
69.6623, 74.3899, 78.3972



69.9271, 72.4719, 81.5409

Split Complementary

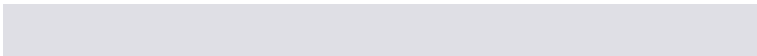
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0810, 74.3899, 81.7763



69.6623, 74.3899, 78.3972



71.1551, 74.3899, 84.8349

Square

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



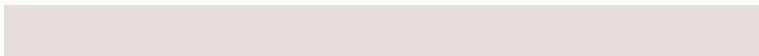
69.6623, 74.3899, 78.3972



69.7913, 74.3899, 84.0373



71.7588, 74.3899, 83.6556



71.6274, 74.3899, 78.0328

Rectangle

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



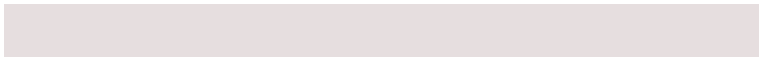
69.6623, 74.3899, 78.3972



69.3373, 74.3899, 81.6093



71.7588, 74.3899, 83.6556



72.0914, 74.3899, 80.3897

Sweetspot

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



69.6644, 74.3931, 78.3988



93.8954, 99.4519, 106.7171



70.6284, 74.4896, 78.3666



20.1097, 21.2926, 22.8649



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.



69.6644, 74.3931, 78.3988



91.6263, 98.3745, 102.4381



69.5606, 74.3165, 79.4366



14.7664, 15.9356, 16.4047



16.2142, 31.3912, 5.2045



1.1967, 2.2134, 0.3642

Inverse Universe

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



69.9271, 72.4719, 81.5409



92.0977, 94.9270, 108.0764



70.0340, 72.5506, 80.4815



14.8618, 15.2380, 17.5456



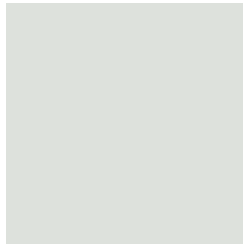
18.7799, 8.7767, 41.7526



1.3708, 0.6439, 2.8973

Previews

White Background



This preview shows how the XYZ color 69.6623, 74.3899, 78.3972 looks on a white background.

Color Contrast Check

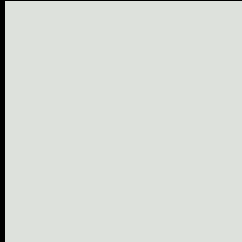
Large Text (above 18pt) WCAG AA × Fail

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 69.6623, 74.3899, 78.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

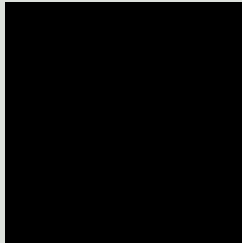
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

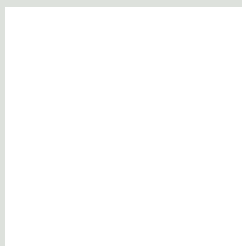
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6623, 74.3899, 78.3972

Background



This preview shows how black text looks on a background with the XYZ color 69.6623, 74.3899, 78.3972.

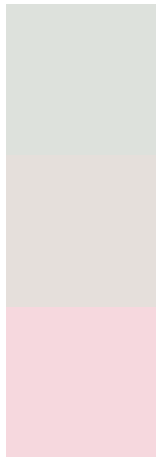


This preview shows how white text looks on a background with the XYZ color 69.6623, 74.3899,

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

69.6623, 74.3899, 78.3972

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

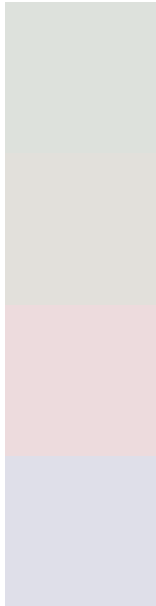
75.7467, 73.9785, 79.3942



Tritanopia

72.5899, 74.3811, 92.9692

Trichromacy



Original Color

69.6623, 74.3899, 78.3972

Protanomaly

70.8059, 74.5945, 77.6841

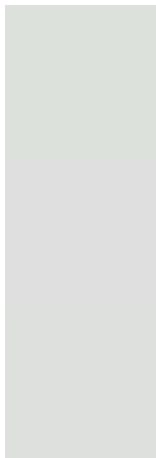
Deuteranomaly

73.3077, 73.8880, 78.8047

Tritanomaly

71.5271, 74.3465, 87.6712

Monochromacy



Original Color

69.6623, 74.3899, 78.3972

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.9647, 74.1148, 79.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6623, 74.3899, 78.3972 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(221, 225, 220) looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 220)  
}
```

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(221, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 220) }
```

Border

The CSS property to change the border of an element to XYZ 69.6623, 74.3899, 78.3972 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(221, 225, 220) }
```


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

```
.border{ border-color:rgb(221, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 225, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 225, 220); box-shadow:4px 4px 4px 4px rgb(221, 225, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6623, 74.3899, 78.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 220) }
```

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

```
.background{ background-color: rgb(221,  
225, 220) }
```

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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