

Converting Colors

XYZ(69.1579, 72.4820, 80.9864)

Have a look what the booklet for
XYZ(69.1579, 72.4820, 80.9864)
contains.

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Color

**XYZ(69.1298, 72.4669,
80.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDE0
RGB	221, 221, 224
RGB Percent	87%, 87%, 88%
CMY	0.1333, 0.1333, 0.1216
CMYK	0.01, 0.01, 0.00, 0.12
HSL	240°, 5%, 87%
HSV	240°, 1%, 88%
XYZ	69.1298, 72.4669, 80.8650
YIQ	221.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

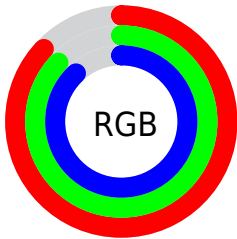
Format	Color
R _Y B	221, 221, 224
Decimal	14540256
CIE Lab	88.19, 0.55, -1.48
CIE LCh	88, 1.574, 290.350
Yxy	72.4669, 0.3107, 0.3258
Android (android.graphics.Color)	4292730336 (0xFFDDDDDE0)
YUV	221.3420, 1.3104, -0.2999
Hunter-Lab	85.1275, -4.0180, 3.2680

Details

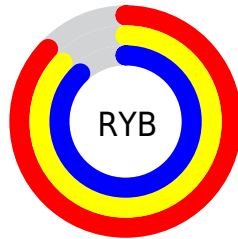
The XYZ color **69.1298, 72.4669, 80.8650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4473, 74.3782, 79.0511**, and the grayscale version is **68.9609, 72.5522, 79.0093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5235, 38.2440, 42.9929** is the 20% darker color. If you saturate the color by 10%, you get **57.2415, 58.1480, 78.7289**, and if you desaturate by 10%, it is **82.7192, 88.8352, 83.3092**.

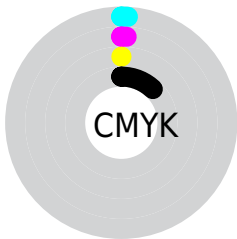
Distribution



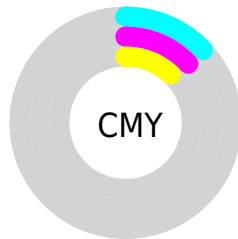
- Red (87%)
- Green (87%)
- Blue (88%)



- Red (87%)
- Yellow (87%)
- Blue (88%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1298, 72.4669, 80.8650 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 69.1298, 72.4669, 80.8650 by changing the saturation by 10% instead.

■ 69.1298, 72.4669,
80.8650

■ 69.1298, 72.4669,
80.8650

446.8029,
469.1651, 517.6266

■ 51.0945, 53.5402,
59.9001

117.0000,
122.7201, 136.4036

■ 36.5051, 38.2342,
42.9133

147.5656,
154.8154, 171.8143

■ 24.9965, 26.1645,
29.4862

183.0386,
192.0689, 212.8773

■ 16.2032, 16.9467,
19.2002

223.7844,
234.8652, 260.0113

■ 9.7598, 10.1965,
11.6368

270.1684,
283.5885, 313.6346

■ 5.3010, 5.5294,
6.3773

322.5559,

■ 2.4615, 2.5611,

338.6234, 374.1659

3.0034

381.3123,
400.3541, 442.0238

■ 0.8759, 0.9072,
1.0964

■ 0.0000, 0.0000,
0.0000

■ 69.1298, 72.4669,
80.8650

■ 69.1298, 72.4669,
80.8650

■ 57.2415, 58.1480,
78.7289

■ 82.7192, 88.8352,
83.3092

■ 46.9816, 45.7890,
76.8841

■ 90.4548, 98.1619,
84.7018

■ 38.2809, 35.3075,
75.3195

■ 31.0632, 26.6116,
74.0215

■ 25.2459, 19.6019,
72.9751

■ 20.7381, 14.1691,
72.1640

■ 17.4384, 10.1912,
71.5701

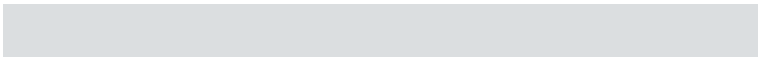
■ 15.2306, 7.5282,
71.1725

■ 13.9754, 6.0128,
70.9461

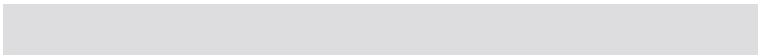
Harmonies

Analogous

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



68.7563, 72.4669, 80.9668



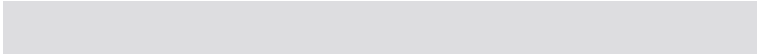
69.1298, 72.4669, 80.8650



69.4368, 72.4669, 80.2352

Triad

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



69.1298, 72.4669, 80.8650



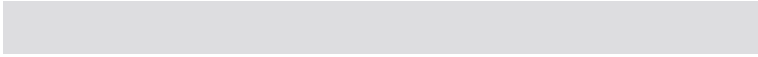
69.3408, 72.4669, 77.3177



68.1660, 72.4669, 78.5569

Complementary

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



69.1298, 72.4669, 80.8650



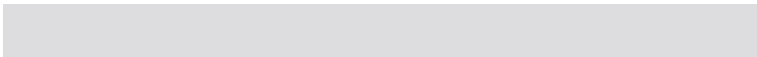
70.4473, 74.3782, 79.0511

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.



68.3214, 72.4669, 77.5879



69.1298, 72.4669, 80.8650



68.9991, 72.4669, 76.8768

Square

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



69.1298, 72.4669, 80.8650



69.5589, 72.4669, 78.1850



68.6260, 72.4669, 76.9752



68.2008, 72.4669, 79.6277

Rectangle

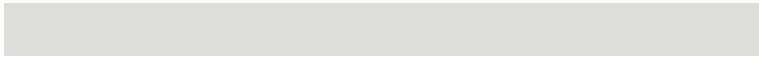
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1298, 72.4669, 80.8650



69.5620, 72.4669, 79.6037



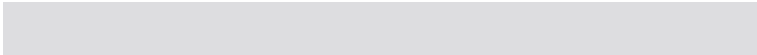
68.6260, 72.4669, 76.9752



68.1978, 72.4669, 78.2087

Sweetspot

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



69.1319, 72.4700, 80.8666

95.0500, 100.0000, 108.9000



69.9233, 74.0637, 81.0969



20.3446, 21.4041, 23.3091



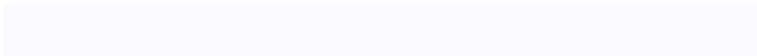
0.0000, 0.0000, 0.0000

Same Dimension

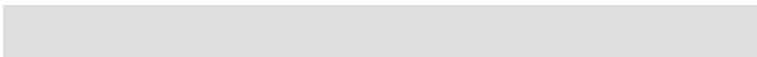
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1319, 72.4700, 80.8666



91.5951, 95.8386, 108.2789



69.5743, 72.6966, 80.8870



14.9322, 15.6295, 17.6175



7.8340, 3.1375, 41.2411



0.5435, 0.2185, 2.8588

Inverse Universe

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



69.6497, 72.7820, 78.7877



92.6352, 96.4653, 104.1029



70.0008, 74.1495, 79.0305



15.0910, 15.7251, 16.9800



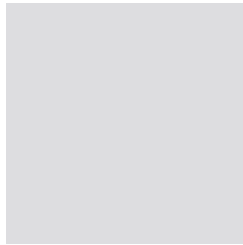
17.8944, 9.2248, 0.8439



1.2406, 0.6395, 0.0598

Previews

White Background



This preview shows how the XYZ color 69.1298, 72.4669, 80.8650 looks on a white background.

Color Contrast Check

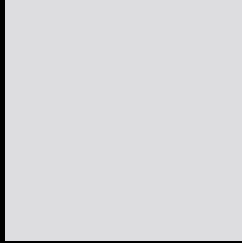
Large Text (above 18pt) WCAG AA × Fail

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 69.1298, 72.4669, 80.8650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

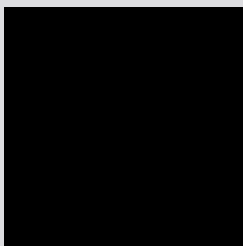
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

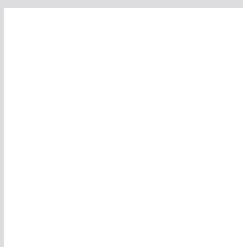
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1298, 72.4669, 80.8650

Background



This preview shows how black text looks on a background with the XYZ color 69.1298, 72.4669, 80.8650.



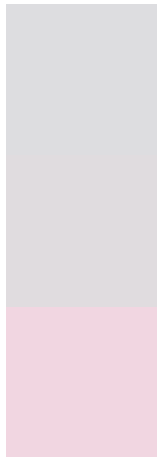
This preview shows how white text looks on a background with the XYZ color 69.1298, 72.4669,

80.8650.

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

69.1298, 72.4669, 80.8650

Protanopia

69.6530, 72.3614, 80.1081

Deuteranopia

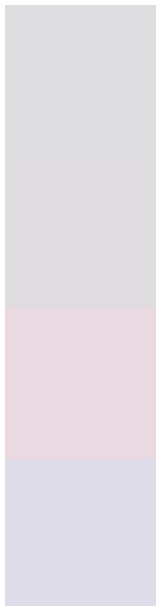
73.9128, 72.2301, 81.2804



Tritanopia

70.9033, 72.4071, 89.5959

Trichromacy



Original Color

69.1298, 72.4669, 80.8650

Protanomaly

69.3439, 72.2021, 80.0936

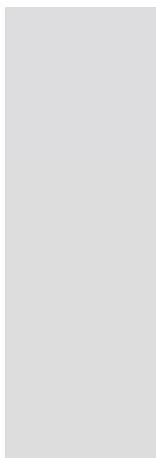
Deuteranomaly

72.3351, 72.5544, 81.4261

Tritanomaly

70.2829, 72.5422, 86.6417

Monochromacy



Original Color

69.1298, 72.4669, 80.8650

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8601, 72.3590, 79.4446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1298, 72.4669, 80.8650 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, 221, 224) looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 224)  
}
```

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, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.1298, 72.4669, 80.8650 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, 221, 224) }
```

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

```
.border{ border-color:rgb(221, 221, 224) }
```

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

Here you see how a box with a 4 pixel rgb(221, 221, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(221, 221,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 69.1298, 72.4669, 80.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 224) }
```

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

```
.background{ background-color: rgb(221,  
221, 224) }
```

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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