

Converting Colors

XYZ(71.0295, 74.3169, 80.5663)

Have a look what the booklet for
XYZ(71.0295, 74.3169, 80.5663)
contains.

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Color

**XYZ(71.0710, 74.2718,
80.4021)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DFDF
RGB	226, 223, 223
RGB Percent	89%, 87%, 87%
CMY	0.1137, 0.1255, 0.1255
CMYK	0.00, 0.01, 0.01, 0.11
HSL	0°, 5%, 88%
HSV	0°, 1%, 89%
XYZ	71.0710, 74.2718, 80.4021
YIQ	223.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

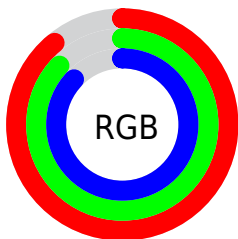
Format	Color
RYB	226, 223, 223
Decimal	14868447
CIELab	89.05, 1.02, 0.35
CIELCh	89, 1.078, 18.924
Yxy	74.2718, 0.3148, 0.3290
Android (android.graphics.Color)	4293058527 (0xFFE2DFDF)
YUV	223.8970, -0.4422, 1.8443
Hunter-Lab	86.1811, -3.6132, 5.0125

Details

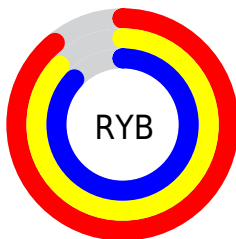
The XYZ color **71.0710, 74.2718, 80.4021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3553, 75.5708, 82.7784**, and the grayscale version is **70.7820, 74.4681, 81.0958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8651, 39.4903, 42.6725** is the 20% darker color. If you saturate the color by 10%, you get **62.5916, 61.8676, 63.5326**, and if you desaturate by 10%, it is **80.7653, 88.4530, 99.6850**.

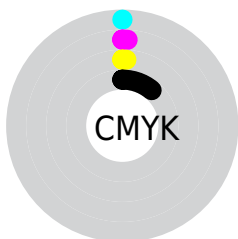
Distribution



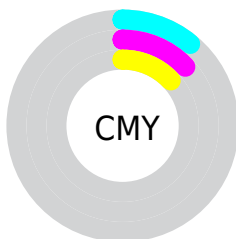
- Red (89%)
- Green (87%)
- Blue (87%)



- Red (89%)
- Yellow (87%)
- Blue (87%)



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



- Cyan (11%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0710, 74.2718, 80.4021 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 71.0710, 74.2718, 80.4021 by changing the saturation by 10% instead.

■ 71.0710, 74.2718,
80.4021

■ 71.0710, 74.2718,
80.4021

453.5096,
475.4109, 516.0294

■ 52.6829, 55.0165,
59.5212

119.7528,
125.2810, 135.7474

■ 37.7761, 39.4150,
42.6100

150.7772,
157.8038, 171.0489

■ 25.9854, 27.0827,
29.2501

186.7443,
195.5178, 211.9943

■ 16.9454, 17.6353,
19.0229

228.0196,
238.8075, 259.0022

■ 10.2906, 10.6885,
11.5099

274.9685,
288.0573, 312.4911

■ 5.6558, 5.8578,
6.2924

327.9562,

■ 2.6756, 2.7588,

343.6515, 372.8796

2.9520

387.3481,
405.9746, 440.5862

■ 0.9846, 1.0071,
1.0702

■ 0.0000, 0.0000,
0.0000

■ 71.0710, 74.2718,
80.4021

■ 71.0710, 74.2718,
80.4021

■ 62.5916, 61.8676,
63.5326

■ 80.7653, 88.4530,
99.6850

■ 55.2733, 51.1612,
48.9768

■ 85.1745, 94.9090,
108.4378

■ 49.0675, 42.0816,
36.6354

■ 43.9196, 34.5494,
26.3999

■ 39.7707, 28.4783,
18.1528

■ 36.5561, 23.7735,
11.7649

■ 34.2033, 20.3292,
7.0920

■ 32.6293, 18.0243,
3.9686

■ 31.7349, 16.7134,
2.1967

Harmonies

Analogous

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



71.0889, 74.2718, 81.1470



71.0710, 74.2718, 80.4021



70.9248, 74.2718, 79.7860

Triad

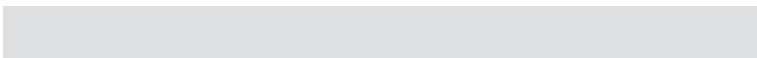
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0710, 74.2718, 80.4021



70.2138, 74.2718, 79.9246



70.4963, 74.2718, 82.2943

Complementary

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



71.0710, 74.2718, 80.4021



71.3553, 75.5708, 82.7784

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.



70.2624, 74.2718, 81.9625



71.0710, 74.2718, 80.4021



70.0996, 74.2718, 80.5924

Square

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



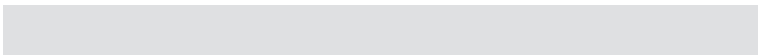
71.0710, 74.2718, 80.4021



70.4298, 74.2718, 79.5115



70.1174, 74.2718, 81.3384



70.7567, 74.2718, 82.2426

Rectangle

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



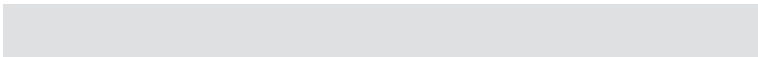
71.0710, 74.2718, 80.4021



70.7745, 74.2718, 79.5298



70.1174, 74.2718, 81.3384



70.4120, 74.2718, 82.2239

Sweetspot

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



71.0731, 74.2750, 80.4037

95.0500, 100.0000, 108.9000



71.4803, 74.4363, 82.5528



20.3446, 21.4041, 23.3091



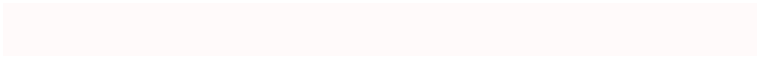
0.0000, 0.0000, 0.0000

Same Dimension

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



71.0731, 74.2750, 80.4037



92.6362, 96.4689, 104.0982



71.4746, 75.0781, 80.5376



15.0911, 15.7257, 16.9793



17.8956, 9.2291, 0.8382



1.2409, 0.6407, 0.0583

Inverse Universe

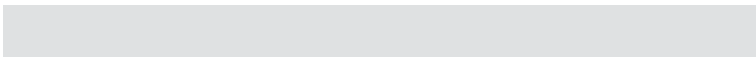
The Inverse Universe completely reimagines the original color for something new.



71.3553, 75.5708, 82.7784



93.1965, 99.0414, 108.8127



70.9502, 74.7606, 82.6433



15.1767, 16.1184, 17.6989



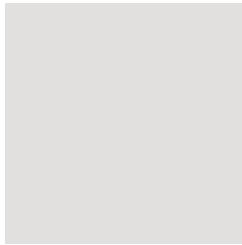
23.3038, 34.0773, 46.3977



1.6158, 2.3630, 3.2162

Previews

White Background



This preview shows how the XYZ color 71.0710, 74.2718, 80.4021 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 71.0710, 74.2718, 80.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

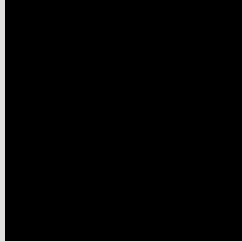
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

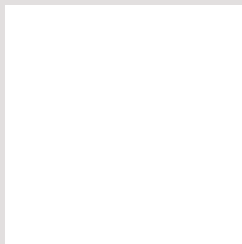
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0710, 74.2718, 80.4021

Background



This preview shows how black text looks on a background with the XYZ color 71.0710, 74.2718, 80.4021.

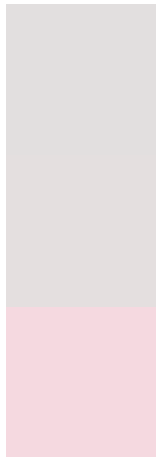


This preview shows how white text looks on a background with the XYZ color 71.0710, 74.2718,

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

71.0710, 74.2718, 80.4021

Protanopia

71.7019, 74.5970, 80.4316

Deuteranopia

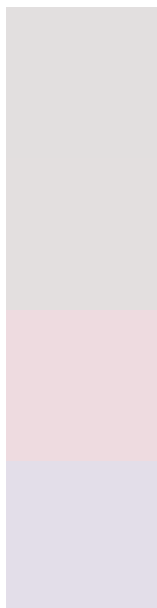
75.9236, 74.4200, 80.8839



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

71.0710, 74.2718, 80.4021

Protanomaly

71.3855, 74.4340, 80.4168

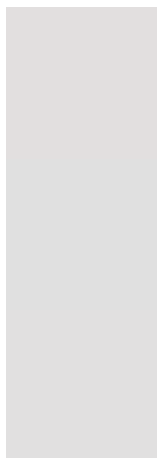
Deuteranomaly

74.0460, 74.2220, 80.9446

Tritanomaly

72.5078, 74.4566, 87.6408

Monochromacy



Original Color

71.0710, 74.2718, 80.4021

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1615, 74.7007, 81.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0710, 74.2718, 80.4021 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(226, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(226, 223, 223)  
}
```

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(226, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.0710, 74.2718, 80.4021 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(226, 223, 223) }
```

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

```
.border{ border-color:rgb(226, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 223,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 71.0710, 74.2718, 80.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 223, 223) }
```

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

```
.background{ background-color: rgb(226,  
223, 223) }
```

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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