

Converting Colors

XYZ(71.4121, 74.6735, 80.8797)

Have a look what the booklet for
XYZ(71.4121, 74.6735, 80.8797)
contains.

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Color

**XYZ(71.4742, 74.8619,
81.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0E0
RGB	226, 224, 224
RGB Percent	89%, 88%, 88%
CMY	0.1137, 0.1215, 0.1216
CMYK	0.00, 0.01, 0.01, 0.11
HSL	0°, 3%, 88%
HSV	0°, 1%, 89%
XYZ	71.4742, 74.8619, 81.2037
YIQ	224.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

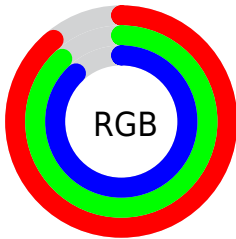
Format	Color
R _Y B	226, 224, 224
Decimal	14868704
CIE Lab	89.33, 0.68, 0.23
CIE LCh	89, 0.718, 18.623
Yxy	74.8619, 0.3141, 0.3290
Android (android.graphics.Color)	4293058784 (0xFFE2E0E0)
YUV	224.5980, -0.2948, 1.2296
Hunter-Lab	86.5228, -3.9607, 4.9209

Details

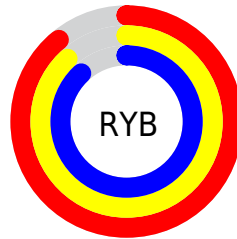
The XYZ color **71.4742, 74.8619, 81.2037** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6642, 75.7299, 82.7926**, and the grayscale version is **71.2828, 74.9950, 81.6696**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1440, 39.8984, 43.2269** is the 20% darker color. If you saturate the color by 10%, you get **62.9460, 62.3883, 64.2308**, and if you desaturate by 10%, it is **81.2182, 89.1132, 100.5937**.

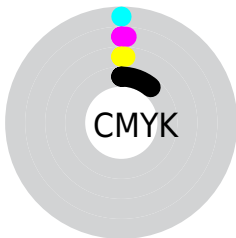
Distribution



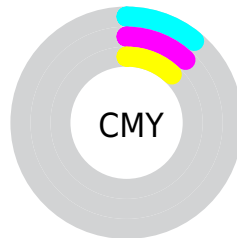
- Red (89%)
- Green (88%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4742, 74.8619, 81.2037 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 71.4742, 74.8619, 81.2037 by changing the saturation by 10% instead.

■ 71.4742, 74.8619,
81.2037

■ 71.4742, 74.8619,
81.2037

454.8955,
477.4428, 518.7935

■ 53.0132, 55.4998,
60.1774

120.3235,
126.1169, 136.8834

■ 38.0408, 39.8020,
43.1354

151.4426,
158.7785, 172.3739

■ 26.1917, 27.3842,
29.6592

187.5117,
196.6420, 213.5228

■ 17.1006, 17.8620,
19.3302

228.8962,
240.0919, 260.7488

■ 10.4020, 10.8509,
11.7299

275.9615,
289.5125, 314.4703

■ 5.7306, 5.9667,
6.4397

329.0729,

■ 2.7211, 2.8248,

345.2883, 375.1059

3.0412

388.5958,
407.8036, 443.0741

■ 1.0080, 1.0410,
1.1157

■ 0.0000, 0.0000,
0.0000

■ 71.4742, 74.8619,
81.2037

■ 71.4742, 74.8619,
81.2037

■ 62.9460, 62.3883,
64.2308

■ 81.2182, 89.1132,
100.5937

■ 55.5799, 51.6134,
49.5755

■ 85.1744, 94.9090,
108.4378

■ 49.3276, 42.4668,
37.1389

■ 44.1348, 34.8693,
26.8129

■ 39.9430, 28.7352,
18.4804

■ 36.6876, 23.9704,
12.0129

■ 34.2969, 20.4699,
7.2669

■ 32.6885, 18.1136,
4.0782

■ 31.7644, 16.7581,
2.2507

Harmonies

Analogous

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



71.4853, 74.8619, 81.7026



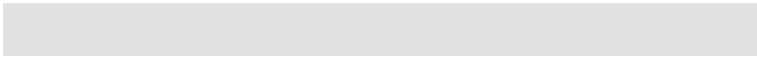
71.4742, 74.8619, 81.2037



71.3772, 74.8619, 80.7890

Triad

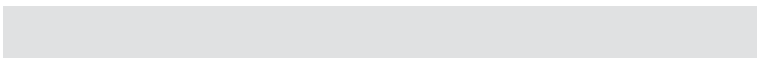
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4742, 74.8619, 81.2037



70.9011, 74.8619, 80.8748



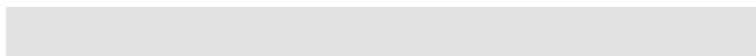
71.0875, 74.8619, 82.4628

Complementary

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



71.4742, 74.8619, 81.2037



71.6642, 75.7299, 82.7926

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.



70.9312, 74.8619, 82.2391



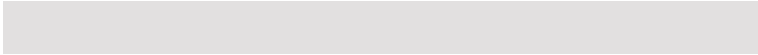
71.4742, 74.8619, 81.2037



70.8237, 74.8619, 81.3214

Square

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



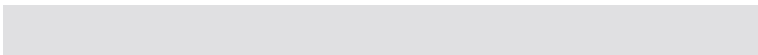
71.4742, 74.8619, 81.2037



71.0463, 74.8619, 80.5996



70.8347, 74.8619, 81.8208



71.2618, 74.8619, 82.4310

Rectangle

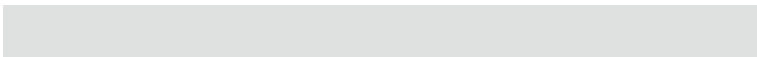
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



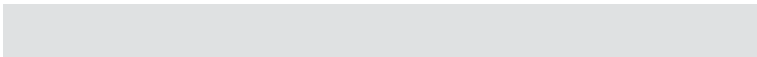
71.4742, 74.8619, 81.2037



71.2770, 74.8619, 80.6154



70.8347, 74.8619, 81.8208



71.0311, 74.8619, 82.4150

Sweetspot

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



71.4763, 74.8651, 81.2053

95.0500, 100.0000, 108.9000



71.7481, 74.9722, 82.6420



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.



71.4763, 74.8651, 81.2053



93.8356, 98.2238, 106.4832



71.7448, 75.4021, 81.2948



15.2743, 15.9937, 17.3435



17.8969, 9.2318, 0.8386



1.2413, 0.6414, 0.0584

Inverse Universe

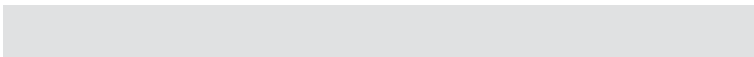
The Inverse Universe completely reimagines the original color for something new.



71.6642, 75.7299, 82.7926



94.1165, 99.5164, 108.8559



71.3942, 75.1898, 82.7026



15.3172, 16.1909, 17.7055



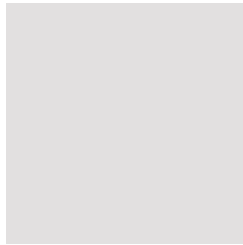
23.2793, 34.0281, 46.3895



1.6144, 2.3602, 3.2157

Previews

White Background



This preview shows how the XYZ color 71.4742, 74.8619, 81.2037 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 71.4742, 74.8619, 81.2037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

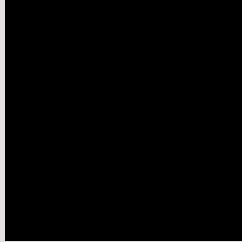
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

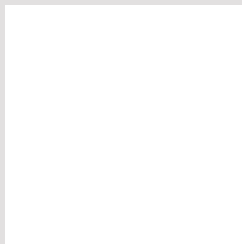
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4742, 74.8619, 81.2037

Background



This preview shows how black text looks on a background with the XYZ color 71.4742, 74.8619, 81.2037.

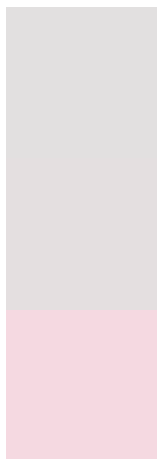


This preview shows how white text looks on a background with the XYZ color 71.4742, 74.8619,

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

71.4742, 74.8619, 81.2037

Protanopia

71.8371, 74.6512, 81.1439

Deuteranopia

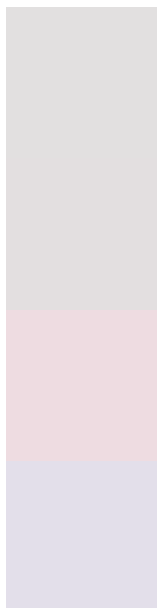
76.0596, 74.4744, 81.6004



Tritanopia

73.6962, 74.9685, 92.2475

Trichromacy



Original Color

71.4742, 74.8619, 81.2037

Protanomaly

71.5208, 74.4881, 81.1291

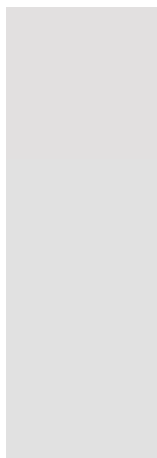
Deuteranomaly

74.4437, 74.7998, 81.7484

Tritanomaly

72.9175, 75.0468, 88.4842

Monochromacy



Original Color

71.4742, 74.8619, 81.2037

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5672, 75.2942, 81.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4742, 74.8619, 81.2037 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, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 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(226, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.4742, 74.8619, 81.2037 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, 224, 224) }
```

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

```
.border{ border-color:rgb(226, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 71.4742, 74.8619, 81.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 224) }
```

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

```
.background{ background-color: rgb(226,  
224, 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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