

Converting Colors

XYZ(70.3446, 73.5637, 80.2933)

Have a look what the booklet for
XYZ(70.3446, 73.5637, 80.2933)
contains.

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Color

**XYZ(70.1810, 73.4176,
80.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DEDf
RGB	224, 222, 223
RGB Percent	88%, 87%, 87%
CMY	0.1216, 0.1294, 0.1255
CMYK	0.00, 0.01, 0.00, 0.12
HSL	330°, 3%, 87%
HSV	330°, 1%, 88%
XYZ	70.1810, 73.4176, 80.2841
YIQ	222.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

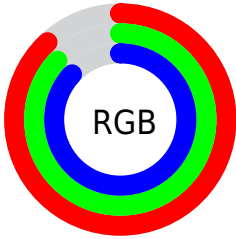
Format	Color
RYB	224, 222, 223
Decimal	14737119
CIELab	88.65, 0.86, -0.26
CIELCh	89, 0.898, 343.232
Yxy	73.4176, 0.3135, 0.3279
Android (android.graphics.Color)	4292927199 (0xFFE0DEDF)
YUV	222.7120, 0.1420, 1.1296
Hunter-Lab	85.6841, -3.7437, 4.4254

Details

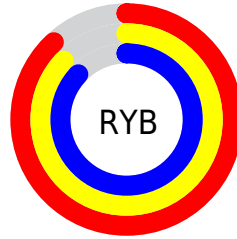
The XYZ color **70.1810, 73.4176, 80.2841** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1019, 74.1704, 80.4373**, and the grayscale version is **69.9353, 73.5774, 80.1258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2488, 38.8996, 42.5909** is the 20% darker color. If you saturate the color by 10%, you get **63.1599, 61.7159, 70.7260**, and if you desaturate by 10%, it is **78.0970, 86.7465, 90.6370**.

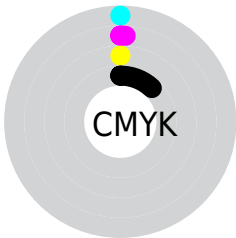
Distribution



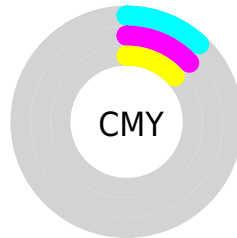
- Red (88%)
- Green (87%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1810, 73.4176, 80.2841 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 70.1810, 73.4176, 80.2841 by changing the saturation by 10% instead.

■ 70.1810, 73.4176,
80.2841

■ 70.1810, 73.4176,
80.2841

450.4418,
472.4609, 515.6217

■ 51.9542, 54.3175,
59.4246

118.4917,
124.0699, 135.5801

■ 37.1927, 38.8556,
42.5328

149.3063,
156.3908, 170.8537

■ 25.5311, 26.6474,
29.1900

185.0477,
193.8875, 211.7691

■ 16.6040, 17.3086,
18.9778

226.0810,
236.9443, 258.7448

■ 10.0461, 10.4547,
11.4776

272.7717,
285.9457, 312.1994

■ 5.4920, 5.7015,
6.2708

325.4852,

■ 2.5765, 2.6644,

341.2760, 372.5514

2.9390

384.5868,
403.3196, 440.2193

■ 0.9340, 0.9592,
1.0636

■ 0.0000, 0.0000,
0.0000

■ 70.1810, 73.4176,
80.2841

■ 70.1810, 73.4176,
80.2841

■ 63.1599, 61.7159,
70.7260

■ 78.0970, 86.7465,
90.6370

■ 56.9945, 51.5693,
61.9373

■ 83.0500, 93.9872,
100.5053

■ 51.6520, 42.9142,
53.8984

■ 84.5509, 94.5875,
108.4086

■ 47.0950, 35.6792,
46.5866

■ 43.2829, 29.7867,
39.9779

■ 40.1717, 25.1516,
34.0468

■ 37.7119, 21.6792,
28.7657

■ 35.8476, 19.2610,
24.1042

■ 34.5120, 17.7677,
20.0278

Harmonies

Analogous

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



70.0671, 73.4176, 80.8120



70.1810, 73.4176, 80.2841



70.1877, 73.4176, 79.6664

Triad

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



70.1810, 73.4176, 80.2841



69.6859, 73.4176, 78.7831



69.4780, 73.4176, 80.7596

Complementary

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



70.1810, 73.4176, 80.2841



70.1019, 74.1704, 80.4373

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.



69.3763, 73.4176, 80.2128



70.1810, 73.4176, 80.2841



69.4962, 73.4176, 79.0729

Square

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



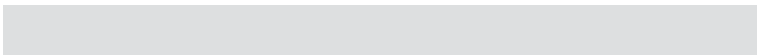
70.1810, 73.4176, 80.2841



69.9015, 73.4176, 78.8020



69.3830, 73.4176, 79.5955



69.6611, 73.4176, 81.0875

Rectangle

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



70.1810, 73.4176, 80.2841



70.1304, 73.4176, 79.2870



69.3830, 73.4176, 79.5955



69.4332, 73.4176, 80.5951

Sweetspot

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



70.1831, 73.4208, 80.2857

95.0500, 100.0000, 108.9000



70.0099, 73.3159, 80.9834



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.



70.1831, 73.4208, 80.2857



94.0369, 98.3018, 107.5511



70.0491, 73.3672, 79.5804



15.3050, 16.0056, 17.5065



19.6469, 9.9258, 10.0723



1.4070, 0.7061, 0.9361

Inverse Universe

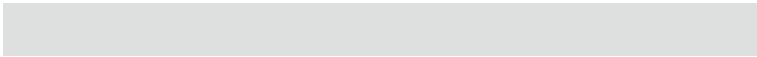
The Inverse Universe completely reimagines the original color for something new.



70.1831, 73.4208, 80.2857



94.0369, 98.3018, 107.5511



70.2366, 74.2243, 81.1468



15.3050, 16.0056, 17.5065



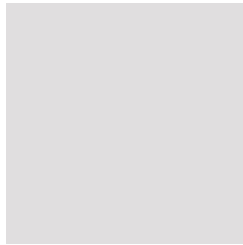
19.6469, 9.9258, 10.0723



1.4070, 0.7061, 0.9361

Previews

White Background



This preview shows how the XYZ color 70.1810, 73.4176, 80.2841 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 70.1810, 73.4176, 80.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

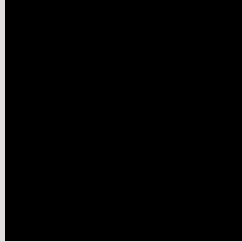
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

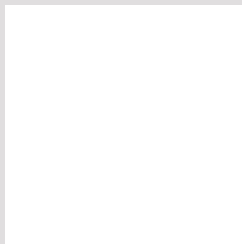
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1810, 73.4176, 80.2841

Background



This preview shows how black text looks on a background with the XYZ color 70.1810, 73.4176, 80.2841.

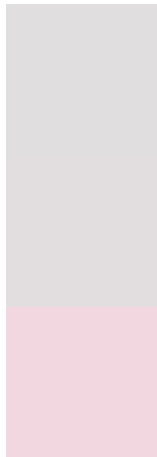


This preview shows how white text looks on a background with the XYZ color 70.1810, 73.4176, 80.2841.

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

70.1810, 73.4176, 80.2841

Protanopia

70.5398, 73.2094, 80.2250

Deuteranopia

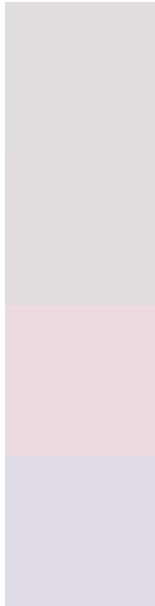
74.7171, 73.0374, 80.6806



Tritanopia

72.2433, 73.4696, 90.4942

Trichromacy



Original Color

70.1810, 73.4176, 80.2841

Protanomaly

70.2271, 73.0482, 80.2104

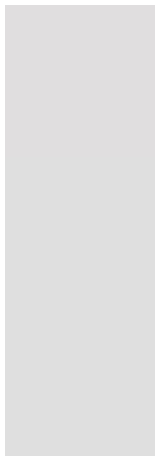
Deuteranomaly

73.1180, 73.3575, 80.8267

Tritanomaly

71.4733, 73.5466, 86.7728

Monochromacy



Original Color

70.1810, 73.4176, 80.2841

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.1384, 73.7910, 80.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1810, 73.4176, 80.2841 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(224, 222, 223) looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 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(224, 222, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.1810, 73.4176, 80.2841 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(224, 222, 223) }
```

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

```
.border{ border-color:rgb(224, 222, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
223) }
```


Background

The CSS property to change the background color of an element to XYZ 70.1810, 73.4176, 80.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 223) }
```

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

```
.background{ background-color: rgb(224,  
222, 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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