

Converting Colors

XYZ(70.8230, 74.2259, 80.5950)

Have a look what the booklet for
XYZ(70.8230, 74.2259, 80.5950)
contains.

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Color

**XYZ(70.7583, 74.1106,
80.3875)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFDF
RGB	225, 223, 223
RGB Percent	88%, 87%, 87%
CMY	0.1176, 0.1255, 0.1255
CMYK	0.00, 0.01, 0.01, 0.12
HSL	0°, 3%, 88%
HSV	0°, 1%, 88%
XYZ	70.7583, 74.1106, 80.3875
YIQ	223.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

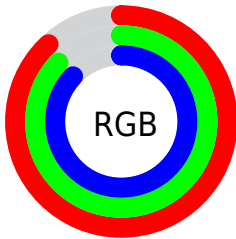
Format	Color
R_{YB}	225, 223, 223
Decimal	14802911
CIE _{Lab}	88.97, 0.68, 0.23
CIE _{LCh}	89, 0.718, 18.618
Yxy	74.1106, 0.3141, 0.3290
Android (android.graphics.Color)	4292992991 (0xFFE1DFDF)
YUV	223.5980, -0.2948, 1.2296
Hunter-Lab	86.0875, -3.9378, 4.8970

Details

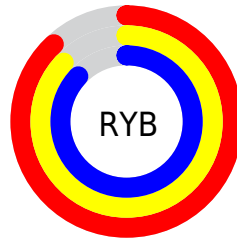
The XYZ color **70.7583, 74.1106, 80.3875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9473, 74.9738, 81.9673**, and the grayscale version is **70.5679, 74.2430, 80.8506**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6481, 39.3785, 42.6623** is the 20% darker color. If you saturate the color by 10%, you get **62.3170, 61.7637, 63.5885**, and if you desaturate by 10%, it is **80.4029, 88.2169, 99.5783**.

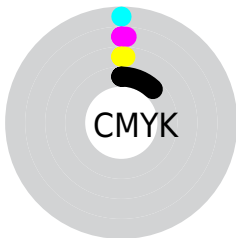
Distribution



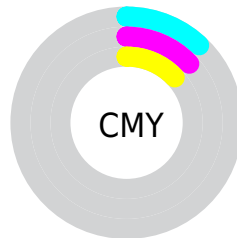
- Red (88%)
- Green (87%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7583, 74.1106, 80.3875 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 70.7583, 74.1106, 80.3875 by changing the saturation by 10% instead.

■ 70.7583, 74.1106,
80.3875

■ 70.7583, 74.1106,
80.3875

452.4331,
474.8550, 515.9789

■ 52.4268, 54.8846,
59.5092

119.3099,
125.0526, 135.7267

■ 37.5710, 39.3093,
42.6005

150.2607,
157.5373, 171.0247

■ 25.8256, 27.0004,
29.2427

186.1487,
195.2104, 211.9665

■ 16.8252, 17.5735,
19.0173

227.3391,
238.4562, 258.9704

■ 10.2045, 10.6443,
11.5059

274.1974,
287.6592, 312.4550

■ 5.5981, 5.8282,
6.2897

327.0889,

■ 2.6406, 2.7409,

343.2038, 372.8390

2.9504

386.3790,
405.4742, 440.5408

■ 0.9667, 0.9980,
1.0694

■ 0.0000, 0.0000,
0.0000

■ 70.7583, 74.1106,
80.3875

■ 70.7583, 74.1106,
80.3875

■ 62.3170, 61.7637,
63.5885

■ 80.4029, 88.2169,
99.5783

■ 55.0258, 51.0981,
49.0829

■ 84.8618, 94.7478,
108.4232

■ 48.8368, 42.0441,
36.7728

■ 43.6965, 34.5233,
26.5513

■ 39.5468, 28.4508,
18.3025

■ 36.3239, 23.7337,
11.8993

■ 33.9568, 20.2679,
7.1998

■ 32.3640, 17.9346,
4.0415

■ 31.4485, 16.5920,
2.2305

Harmonies

Analogous

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



70.7693, 74.1106, 80.8836



70.7583, 74.1106, 80.3875



70.6619, 74.1106, 79.9751

Triad

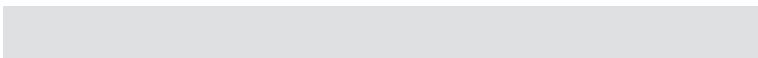
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.7583, 74.1106, 80.3875



70.1885, 74.1106, 80.0604



70.3737, 74.1106, 81.6394

Complementary

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



70.7583, 74.1106, 80.3875



70.9473, 74.9738, 81.9673

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.



70.2184, 74.1106, 81.4169



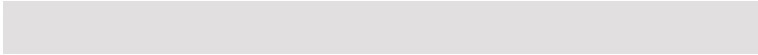
70.7583, 74.1106, 80.3875



70.1115, 74.1106, 80.5044

Square

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



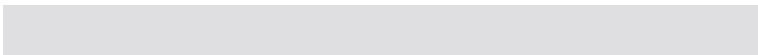
70.7583, 74.1106, 80.3875



70.3329, 74.1106, 79.7868



70.1225, 74.1106, 81.0010



70.5471, 74.1106, 81.6078

Rectangle

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



70.7583, 74.1106, 80.3875



70.5623, 74.1106, 79.8025



70.1225, 74.1106, 81.0010



70.3177, 74.1106, 81.5918

Sweetspot

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



70.7604, 74.1138, 80.3891

95.0500, 100.0000, 108.9000



71.0307, 74.2203, 81.8174



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.



70.7604, 74.1138, 80.3891



93.8355, 98.2236, 106.4832



71.0274, 74.6477, 80.4781



15.2743, 15.9937, 17.3435



17.8967, 9.2313, 0.8386



1.2412, 0.6413, 0.0584

Inverse Universe

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



70.9473, 74.9738, 81.9673



94.1166, 99.5166, 108.8559



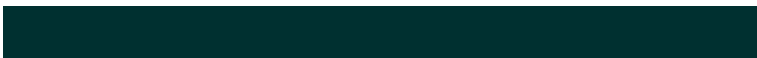
70.6788, 74.4367, 81.8778



15.3172, 16.1910, 17.7055



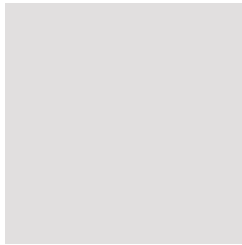
23.2833, 34.0362, 46.3908



1.6146, 2.3606, 3.2158

Previews

White Background



This preview shows how the XYZ color 70.7583, 74.1106, 80.3875 looks on a white background.

Color Contrast Check

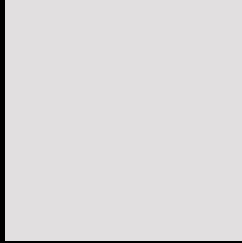
Large Text (above 18pt) WCAG AA × Fail

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 70.7583, 74.1106, 80.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

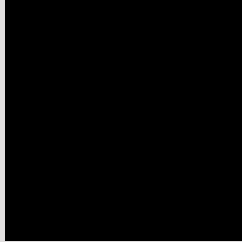
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

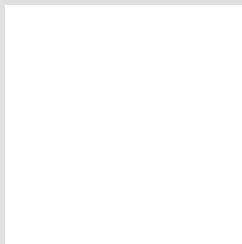
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.7583, 74.1106, 80.3875

Background



This preview shows how black text looks on a background with the XYZ color 70.7583, 74.1106, 80.3875.

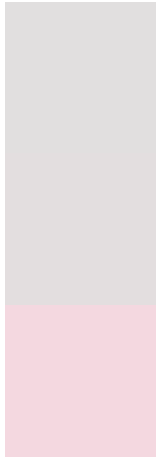


This preview shows how white text looks on a background with the XYZ color 70.7583, 74.1106,

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

70.7583, 74.1106, 80.3875

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

75.3186, 73.7266, 80.7820



Tritanopia

72.9676, 74.2168, 91.3684

Trichromacy



Original Color

70.7583, 74.1106, 80.3875

Protanomaly

70.8046, 73.7390, 80.3133

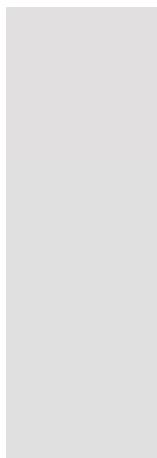
Deuteranomaly

73.7111, 74.0494, 80.9290

Tritanomaly

72.1933, 74.2945, 87.6261

Monochromacy



Original Color

70.7583, 74.1106, 80.3875

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8507, 74.5404, 81.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7583, 74.1106, 80.3875 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(225, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 70.7583, 74.1106, 80.3875 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(225, 223, 223) }
```

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

```
.border{ border-color:rgb(225, 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(225, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 223, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 223, 223); box-shadow:4px 4px 4px 4px rgb(225, 223, 223) }
```


Background

The CSS property to change the background color of an element to XYZ 70.7583, 74.1106, 80.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 223) }
```

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

```
.background{ background-color: rgb(225,  
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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