

Converting Colors

XYZ(70.8785, 75.7466, 82.1190)

Have a look what the booklet for
XYZ(70.8785, 75.7466, 82.1190)
contains.

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Color

**XYZ(70.8785, 75.7466,
82.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE3E1
RGB	221, 227, 225
RGB Percent	87%, 89%, 88%
CMY	0.1333, 0.1098, 0.1176
CMYK	0.03, 0.00, 0.01, 0.11
HSL	160°, 10%, 88%
HSV	160°, 3%, 89%
XYZ	70.8785, 75.7466, 82.1190
YIQ	224.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

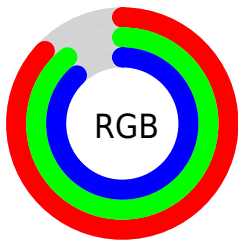
Format	Color
R _Y B	221, 225, 227
Decimal	14541793
CIE Lab	89.74, -2.37, 0.26
CIE LCh	90, 2.383, 173.667
Yxy	75.7466, 0.3099, 0.3311
Android (android.graphics.Color)	4292731873 (0xFFDDE3E1)
YUV	224.9780, 0.0108, -3.4887
Hunter-Lab	87.0325, -6.9381, 4.9801

Details

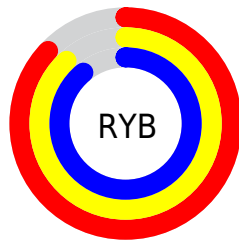
The XYZ color **70.8785, 75.7466, 82.1190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8571, 73.3735, 80.2438**, and the grayscale version is **71.5555, 75.2820, 81.9821**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.7341, 40.5143, 43.8615** is the 20% darker color. If you saturate the color by 10%, you get **63.4185, 72.0197, 76.4946**, and if you desaturate by 10%, it is **79.3232, 79.9801, 88.0320**.

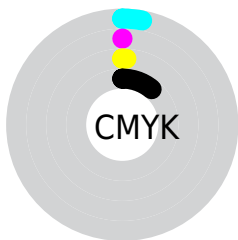
Distribution



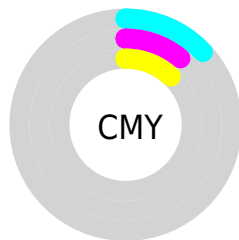
- Red (87%)
- Green (89%)
- Blue (88%)



- Red (87%)
- Yellow (88%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8785, 75.7466, 82.1190 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 70.8785, 75.7466, 82.1190 by changing the saturation by 10% instead.

■ 70.8785, 75.7466,
82.1190

■ 70.8785, 75.7466,
82.1190

452.8470,
480.4798, 521.9395

■ 52.5252, 56.2247,
60.9272

119.4802,
127.3686, 138.1790

■ 37.6499, 40.3831,
43.7363

150.4593,
160.2376, 173.8844

■ 25.8870, 27.8374,
30.1276

186.3777,
198.3244, 215.2647

■ 16.8714, 18.2031,
19.6826

227.6008,
242.0135, 262.7386

■ 10.2376, 11.0959,
11.9827

274.4939,
291.6892, 316.7244

■ 5.6202, 6.1314,
6.6095

327.4224,

■ 2.6540, 2.9251,

347.7358, 377.6408

3.1444

386.7517,
410.5379, 445.9064

■ 0.9736, 1.0928,
1.1688

■ 0.0000, 0.0000,
0.0000

■ 70.8785, 75.7466,
82.1190

■ 70.8785, 75.7466,
82.1190

■ 63.4185, 72.0197,
76.4946

■ 79.3232, 79.9801,
88.0320

■ 56.8989, 68.7703,
71.1491

■ 84.4617, 82.5016,
94.0312

■ 51.2815, 65.9809,
66.0790

■ 85.6121, 82.9617,
100.0892

■ 46.5231, 63.6291,
61.2793

■ 86.7606, 83.4211,
106.1369

■ 42.5766, 61.6909,
56.7443

■ 39.3903, 60.1397,
52.4683

■ 36.9065, 58.9457,
48.4454

■ 35.0585, 58.0747,
44.6687

■ 33.7662, 57.4855,
41.1311

Harmonies

Analogous

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



71.0891, 75.7466, 80.5741



70.8785, 75.7466, 82.1190



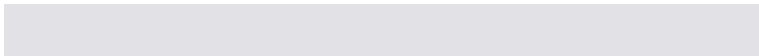
70.9657, 75.7466, 83.7800

Triad

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



70.8785, 75.7466, 82.1190



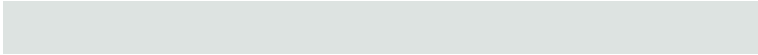
72.4491, 75.7466, 85.4724



72.6659, 75.7466, 79.8975

Complementary

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



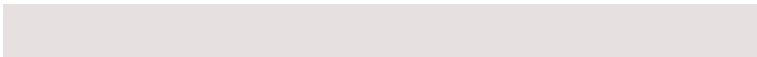
70.8785, 75.7466, 82.1190



70.8571, 73.3735, 80.2438

Split Complementary

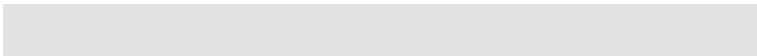
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0339, 75.7466, 81.1839



70.8785, 75.7466, 82.1190



72.9083, 75.7466, 84.4059

Square

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



70.8785, 75.7466, 82.1190



71.8704, 75.7466, 85.7310



73.1229, 75.7466, 82.8324



72.1195, 75.7466, 79.3029

Rectangle

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



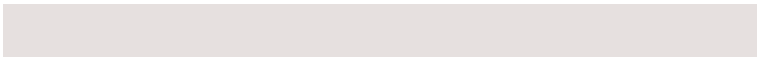
70.8785, 75.7466, 82.1190



71.1812, 75.7466, 84.7281



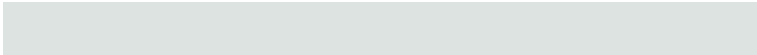
73.1229, 75.7466, 82.8324



72.8147, 75.7466, 80.2626

Sweetspot

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



70.8806, 75.7498, 82.1207



93.9813, 99.4649, 108.1363



70.9850, 75.8660, 79.3100



20.1271, 21.2952, 23.1537



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

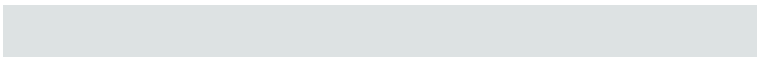
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8806, 75.7498, 82.1207



91.8829, 98.4145, 106.6202



70.9100, 75.3685, 83.4872



15.5455, 16.7270, 18.0965



19.3453, 33.3702, 22.8505



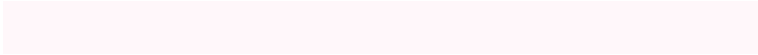
1.4722, 2.4830, 1.9134

Inverse Universe

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



70.8571, 73.3735, 80.2438



91.8480, 94.8919, 103.8380



70.8269, 73.7429, 78.9085



15.5381, 15.9773, 17.5044



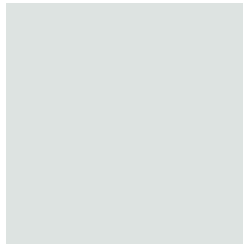
19.2795, 9.8460, 5.1007



1.4666, 0.7443, 0.5976

Previews

White Background



This preview shows how the XYZ color 70.8785, 75.7466, 82.1190 looks on a white background.

Color Contrast Check

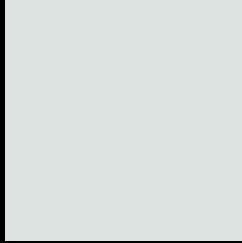
Large Text (above 18pt) WCAG AA × Fail

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 70.8785, 75.7466, 82.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

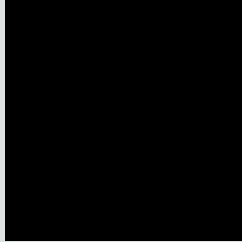
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

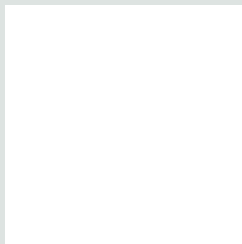
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.8785, 75.7466, 82.1190

Background



This preview shows how black text looks on a background with the XYZ color 70.8785, 75.7466, 82.1190.

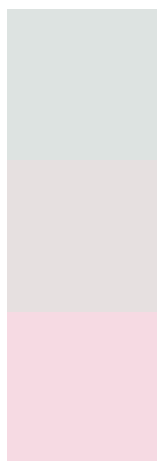


This preview shows how white text looks on a background with the XYZ color 70.8785, 75.7466,

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

70.8785, 75.7466, 82.1190

Protanopia

72.7433, 75.5161, 81.2631

Deuteranopia

76.9426, 75.2817, 83.1486



Tritanopia

73.4231, 75.5694, 94.7209

Trichromacy



Original Color

70.8785, 75.7466, 82.1190

Protanomaly

72.0583, 75.5631, 81.3083

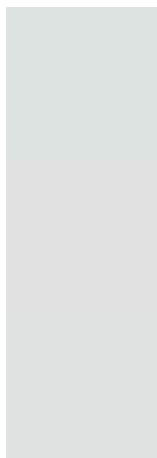
Deuteranomaly

74.5090, 75.2084, 82.5411

Tritanomaly

72.4970, 75.5945, 90.1271

Monochromacy



Original Color

70.8785, 75.7466, 82.1190

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5274, 75.6762, 82.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8785, 75.7466, 82.1190 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, 227, 225) looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 225)  
}
```

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, 227, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.8785, 75.7466, 82.1190 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, 227, 225) }
```


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

```
.border{ border-color:rgb(221, 227, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 227, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 227, 225); box-shadow:4px 4px 4px 4px rgb(221, 227, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8785, 75.7466, 82.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 225) }
```

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

```
.background{ background-color: rgb(221,  
227, 225) }
```

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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