

Converting Colors

XYZ(71.7299, 75.5450, 87.3533)

Have a look what the booklet for
XYZ(71.7299, 75.5450, 87.3533)
contains.

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Color

**XYZ(71.8860, 75.7485,
87.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE2E8
RGB	222, 226, 232
RGB Percent	87%, 89%, 91%
CMY	0.1294, 0.1137, 0.0902
CMYK	0.04, 0.03, 0.00, 0.09
HSL	216°, 18%, 89%
HSV	216°, 4%, 91%
XYZ	71.8860, 75.7485, 87.1761
YIQ	225.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

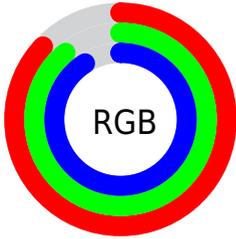
Format	Color
R _Y B	222, 225, 232
Decimal	14607080
CIE Lab	89.74, -0.23, -3.40
CIE LCh	90, 3.407, 266.067
Yxy	75.7485, 0.3061, 0.3226
Android (android.graphics.Color)	4292797160 (0xFFDEE2E8)
YUV	225.4880, 3.2104, -3.0590
Hunter-Lab	87.0336, -4.8755, 1.5365

Details

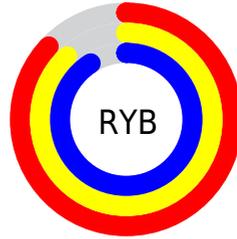
The XYZ color **71.8860, 75.7485, 87.1761** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2070, 77.9157, 80.2364**, and the grayscale version is **71.9009, 75.6453, 82.3777**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3357, 40.4759, 46.8664** is the 20% darker color. If you saturate the color by 10%, you get **61.6332, 65.0752, 85.6575**, and if you desaturate by 10%, it is **83.4278, 87.5461, 88.8461**.

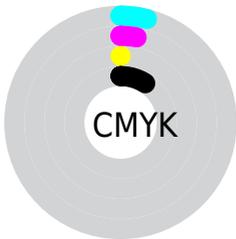
Distribution



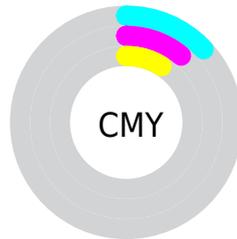
- Red (87%)
- Green (89%)
- Blue (91%)



- Red (87%)
- Yellow (88%)
- Blue (91%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8860, 75.7485, 87.1761 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 71.8860, 75.7485, 87.1761 by changing the saturation by 10% instead.

■ 71.8860, 75.7485,
87.1761

■ 71.8860, 75.7485,
87.1761

456.3085,
480.4863, 539.1326

■ 53.3507, 56.2263,
65.0805

120.9061,
127.3713, 145.3106

■ 38.3114, 40.3844,
47.0746

152.1216,
160.2408, 182.1866

■ 26.4028, 27.8384,
32.7399

188.2946,
198.3281, 224.8264

■ 17.2595, 18.2039,
21.6578

229.7904,
242.0176, 273.6487

■ 10.5161, 11.0964,
13.4097

276.9743,
291.6938, 329.0719

■ 5.8073, 6.1317,
7.5773

330.2117,

■ 2.7678, 2.9254,

347.7411, 391.5146

3.7418

389.8680,
410.5438, 461.3953

■ 1.0322, 1.0929,
1.4848

■ 0.0000, 0.0000,
0.2066

■ 71.8860, 75.7485,
87.1761

■ 71.8860, 75.7485,
87.1761

■ 61.6332, 65.0752,
85.6575

■ 83.4278, 87.5461,
88.8461

■ 52.6160, 55.4817,
84.2810

■ 91.1929, 97.8607,
90.4278

■ 44.7867, 46.9343,
83.0438

■ 91.5657, 98.6063,
90.5520

■ 38.0918, 39.3938,
81.9412

■ 32.4736, 32.8183,
80.9682

■ 27.8686, 27.1626,
80.1192

■ 24.2063, 22.3768,
79.3885

■ 21.4056, 18.4051,
78.7695

■ 19.3693, 15.1826,
78.2548

Harmonies

Analogous

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



71.0993, 75.7485, 86.3729



71.8860, 75.7485, 87.1761



72.7084, 75.7485, 86.7003

Triad

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



71.8860, 75.7485, 87.1761



73.4565, 75.7485, 80.4623



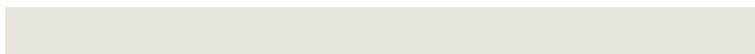
70.6656, 75.7485, 79.9232

Complementary

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



71.8860, 75.7485, 87.1761



74.2070, 77.9157, 80.2364

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.



71.2897, 75.7485, 78.3936



71.8860, 75.7485, 87.1761



72.9016, 75.7485, 78.7006

Square

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



71.8860, 75.7485, 87.1761



73.6192, 75.7485, 82.7948



72.1075, 75.7485, 77.9503



70.3982, 75.7485, 82.1605

Rectangle

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



71.8860, 75.7485, 87.1761



73.1655, 75.7485, 85.7267



72.1075, 75.7485, 77.9503



70.8404, 75.7485, 79.3109

Sweetspot

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



71.8882, 75.7517, 87.1778



93.6322, 98.5479, 108.6944



72.9624, 78.8362, 84.6501



20.0561, 21.1086, 23.2673



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.



71.8882, 75.7517, 87.1778



88.1232, 92.8803, 107.8908



71.0679, 73.7314, 86.8310



14.8913, 15.6982, 18.3895



10.3693, 7.8007, 43.3423



0.8552, 0.7543, 3.2325

Inverse Universe

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



73.1291, 74.8907, 82.5564



89.9099, 91.6505, 101.2346



75.0514, 80.0051, 80.5952



15.2342, 15.4640, 17.1118



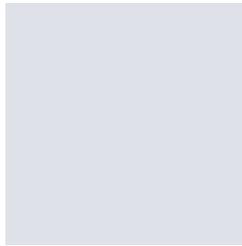
19.6274, 9.9852, 6.9331



1.4953, 0.7558, 0.7486

Previews

White Background



This preview shows how the XYZ color 71.8860, 75.7485, 87.1761 looks on a white background.

Color Contrast Check

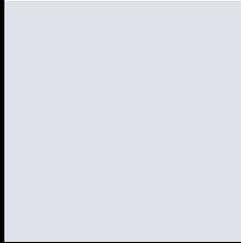
Large Text (above 18pt) WCAG AA × Fail

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 71.8860, 75.7485, 87.1761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

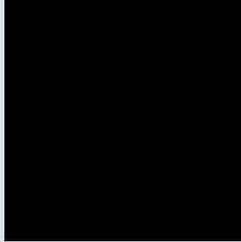
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8860, 75.7485, 87.1761

Background



This preview shows how black text looks on a background with the XYZ color 71.8860, 75.7485, 87.1761.



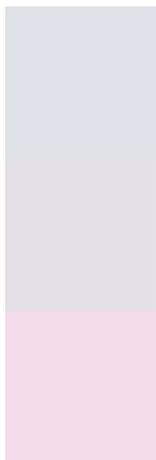
This preview shows how white text looks on a background with the XYZ color 71.8860, 75.7485,

87.1761.

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

71.8860, 75.7485, 87.1761

Protanopia

73.0744, 75.5748, 86.3373

Deuteranopia

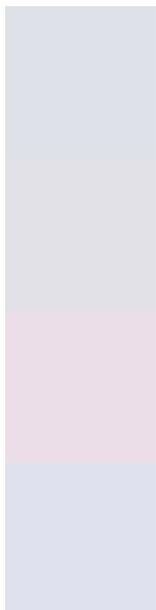
77.3477, 75.7793, 87.6410



Tritanopia

73.4231, 75.5694, 94.7209

Trichromacy



Original Color

71.8860, 75.7485, 87.1761

Protanomaly

72.7130, 75.7887, 86.3976

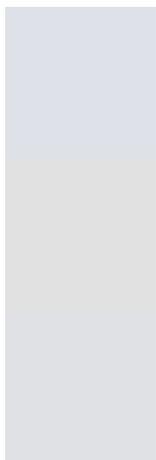
Deuteranomaly

75.4213, 75.9586, 87.7771

Tritanomaly

72.7893, 75.7114, 91.6663

Monochromacy



Original Color

71.8860, 75.7485, 87.1761

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6693, 75.2992, 84.1556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8860, 75.7485, 87.1761 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(222, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 232)  
}
```

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(222, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 71.8860, 75.7485, 87.1761 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(222, 226, 232) }
```


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

```
.border{ border-color:rgb(222, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8860, 75.7485, 87.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 232) }
```

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

```
.background{ background-color: rgb(222,  
226, 232) }
```

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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