

Converting Colors

XYZ(70.2010, 73.9407, 81.9171)

Have a look what the booklet for
XYZ(70.2010, 73.9407, 81.9171)
contains.

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Color

**XYZ(70.1025, 73.7412,
81.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFE1
RGB	222, 223, 225
RGB Percent	87%, 87%, 88%
CMY	0.1294, 0.1255, 0.1176
CMYK	0.01, 0.01, 0.00, 0.12
HSL	220°, 5%, 88%
HSV	220°, 1%, 88%
XYZ	70.1025, 73.7412, 81.7728
YIQ	222.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

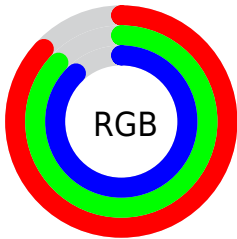
Format	Color
R _Y B	222, 223, 225
Decimal	14606305
CIE Lab	88.80, 0.03, -1.10
CIE LCh	89, 1.105, 271.527
Yxy	73.7412, 0.3107, 0.3268
Android (android.graphics.Color)	4292796385 (0xFFDEDFE1)
YUV	222.9290, 1.0210, -0.8147
Hunter-Lab	85.8727, -4.5581, 3.6516

Details

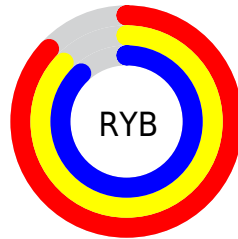
The XYZ color **70.1025, 73.7412, 81.7728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8919, 74.5919, 79.7697**, and the grayscale version is **70.0843, 73.7341, 80.2964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1947, 39.1230, 43.6213** is the 20% darker color. If you saturate the color by 10%, you get **59.8412, 62.7751, 80.1981**, and if you desaturate by 10%, it is **81.6414, 85.8952, 83.5117**.

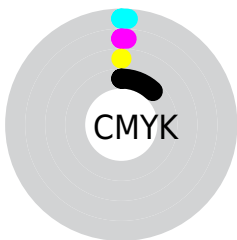
Distribution



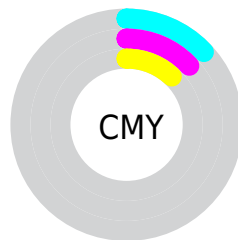
- Red (87%)
- Green (87%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1025, 73.7412, 81.7728 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 70.1025, 73.7412, 81.7728 by changing the saturation by 10% instead.

■ 70.1025, 73.7412,
81.7728

■ 70.1025, 73.7412,
81.7728

450.1706,
473.5797, 520.7509

■ 51.8900, 54.5822,
60.6436

118.3804,
124.5289, 137.6892

■ 37.1413, 39.0674,
43.5089

149.1765,
156.9264, 173.3134

■ 25.4911, 26.8121,
29.9502

184.8978,
194.5055, 214.6063

■ 16.5740, 17.4322,
19.5491

225.9098,
237.6507, 261.9865

■ 10.0246, 10.5431,
11.8869

272.5777,
286.7463, 315.8725

■ 5.4777, 5.7605,
6.5451

325.2669,

■ 2.5678, 2.7000,

342.1768, 376.6829

3.1052

384.3427,
404.3264, 444.8362

■ 0.9296, 0.9772,
1.1486

■ 0.0000, 0.0000,
0.0000

■ 70.1025, 73.7412,
81.7728

■ 70.1025, 73.7412,
81.7728

■ 59.8412, 62.7751,
80.1981

■ 81.6414, 85.8952,
83.5117

■ 50.8060, 52.9505,
78.7779

■ 89.9402, 96.9151,
85.2014

■ 42.9509, 44.2318,
77.5091

■ 90.5908, 98.2163,
85.4182

■ 36.2246, 36.5778,
76.3862

■ 30.5719, 29.9446,
75.4038

■ 25.9325, 24.2849,
74.5559

■ 22.2399, 19.5473,
73.8361

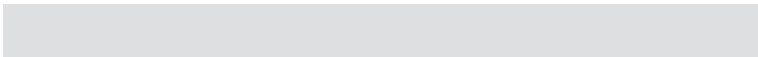
■ 19.4186, 15.6745,
73.2372

■ 17.3800, 12.6014,
72.7515

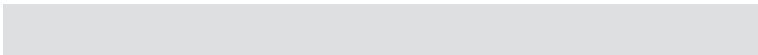
Harmonies

Analogous

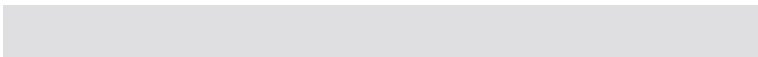
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8439, 73.7412, 81.5931



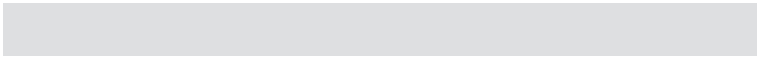
70.1025, 73.7412, 81.7728



70.3580, 73.7412, 81.5535

Triad

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



70.1025, 73.7412, 81.7728



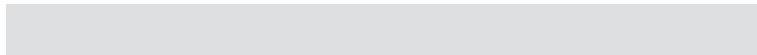
70.5280, 73.7412, 79.5240



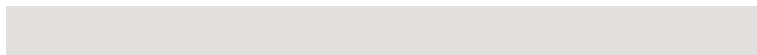
69.6378, 73.7412, 79.5916

Complementary

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



70.1025, 73.7412, 81.7728



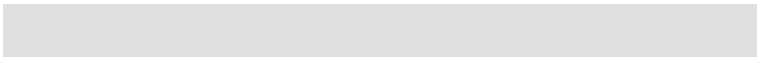
70.8919, 74.5919, 79.7697

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.



69.8203, 73.7412, 79.0429



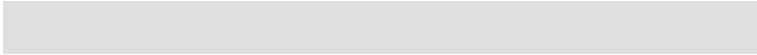
70.1025, 73.7412, 81.7728



70.3342, 73.7412, 79.0040

Square

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



70.1025, 73.7412, 81.7728



70.6041, 73.7412, 80.2524



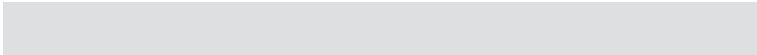
70.0751, 73.7412, 78.8285



69.5760, 73.7412, 80.3309

Rectangle

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



70.1025, 73.7412, 81.7728



70.4921, 73.7412, 81.2113



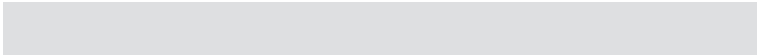
70.0751, 73.7412, 78.8285



69.6870, 73.7412, 79.3789

Sweetspot

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



70.1046, 73.7444, 81.7744

95.0500, 100.0000, 108.9000



70.4983, 74.7603, 81.2011



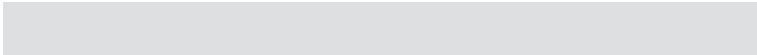
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

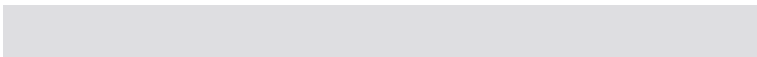
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.1046, 73.7444, 81.7744



92.1254, 96.8993, 108.4557



69.9752, 73.2807, 81.6917



15.0132, 15.7915, 17.6445



9.3887, 6.2471, 41.7593



0.7313, 0.5940, 2.9214

Inverse Universe

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



70.4935, 73.5792, 80.3026



92.9029, 96.5724, 105.5126



71.0223, 75.0608, 79.8533



15.1319, 15.7415, 17.1953



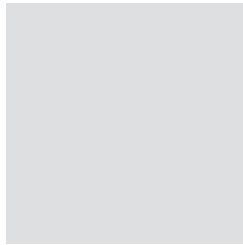
18.6792, 9.5387, 4.9765



1.3354, 0.6774, 0.5589

Previews

White Background



This preview shows how the XYZ color 70.1025, 73.7412, 81.7728 looks on a white background.

Color Contrast Check

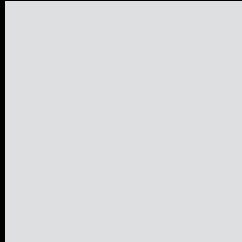
Large Text (above 18pt) WCAG AA × Fail

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 70.1025, 73.7412, 81.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

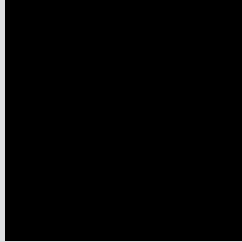
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

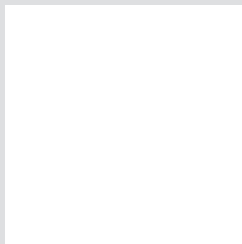
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1025, 73.7412, 81.7728

Background



This preview shows how black text looks on a background with the XYZ color 70.1025, 73.7412, 81.7728.



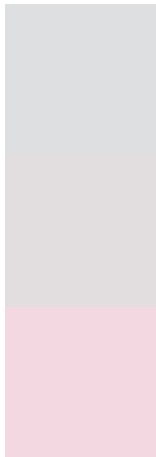
This preview shows how white text looks on a background with the XYZ color 70.1025, 73.7412, 81.7728.

81.7728.

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

70.1025, 73.7412, 81.7728

Protanopia

70.9399, 73.7931, 81.0256

Deuteranopia

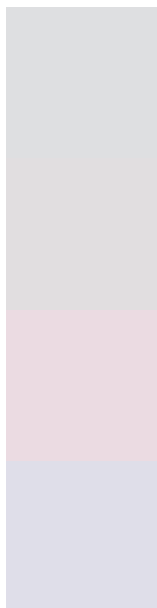
75.2455, 73.6574, 82.2029



Tritanopia

72.0295, 73.7332, 91.3245

Trichromacy



Original Color

70.1025, 73.7412, 81.7728

Protanomaly

70.6272, 73.6319, 81.0109

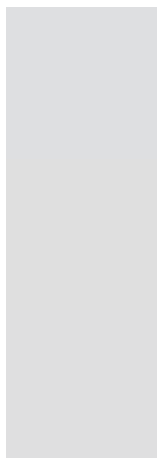
Deuteranomaly

73.3199, 73.8162, 82.3351

Tritanomaly

71.2607, 73.8137, 87.5824

Monochromacy



Original Color

70.1025, 73.7412, 81.7728

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2736, 73.8451, 81.0707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1025, 73.7412, 81.7728 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, 223, 225) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 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(222, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.1025, 73.7412, 81.7728 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, 223, 225) }
```

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

```
.border{ border-color:rgb(222, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 223,  
225) }
```


Background

The CSS property to change the background color of an element to XYZ 70.1025, 73.7412, 81.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 223, 225) }
```

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

```
.background{ background-color: rgb(222,  
223, 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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