

Converting Colors

XYZ(70.1388, 73.8820, 81.0867)

Have a look what the booklet for
XYZ(70.1388, 73.8820, 81.0867)
contains.

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Color

**XYZ(69.9664, 73.6868,
81.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDFE0
RGB	222, 223, 224
RGB Percent	87%, 87%, 88%
CMY	0.1294, 0.1255, 0.1216
CMYK	0.01, 0.00, 0.00, 0.12
HSL	210°, 3%, 87%
HSV	210°, 1%, 88%
XYZ	69.9664, 73.6868, 81.0564
YIQ	222.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

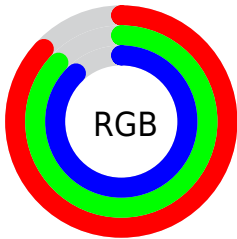
Format	Color
R _Y B	222, 223, 224
Decimal	14606304
CIE Lab	88.77, -0.15, -0.62
CIE LCh	89, 0.635, 256.146
Yxy	73.6868, 0.3114, 0.3279
Android (android.graphics.Color)	4292796384 (0xFFDEDFE0)
YUV	222.8150, 0.5842, -0.7148
Hunter-Lab	85.8410, -4.7319, 4.1034

Details

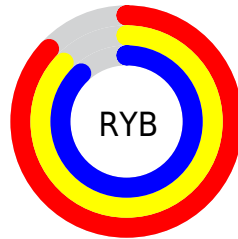
The XYZ color **69.9664, 73.6868, 81.0564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3130, 73.8956, 79.6655**, and the grayscale version is **70.0062, 73.6520, 80.2070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1004, 39.0853, 43.1249** is the 20% darker color. If you saturate the color by 10%, you get **60.6737, 64.6183, 79.7969**, and if you desaturate by 10%, it is **80.3712, 83.6243, 82.4273**.

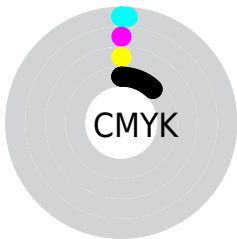
Distribution



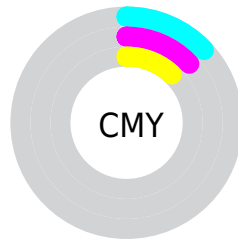
- Red (87%)
- Green (87%)
- Blue (88%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9664, 73.6868, 81.0564 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 69.9664, 73.6868, 81.0564 by changing the saturation by 10% instead.

■ 69.9664, 73.6868,
81.0564

■ 69.9664, 73.6868,
81.0564

449.7003,
473.3917, 518.2862

■ 51.7786, 54.5377,
60.0568

118.1874,
124.4517, 136.6747

■ 37.0522, 39.0317,
43.0388

148.9513,
156.8364, 172.1305

■ 25.4218, 26.7844,
29.5839

184.6380,
194.4017, 213.2422

■ 16.5220, 17.4114,
19.2736

225.6128,
237.5320, 260.4281

■ 9.9875, 10.5282,
11.6894

272.2410,
286.6118, 314.1070

■ 5.4528, 5.7506,
6.4126

324.8882,

■ 2.5528, 2.6940,

342.0254, 374.6972

3.0247

383.9194,
404.1572, 442.6175

■ 0.9220, 0.9742,
1.1073

■ 0.0000, 0.0000,
0.0000

■ 69.9664, 73.6868,
81.0564

■ 69.9664, 73.6868,
81.0564

■ 60.6737, 64.6183,
79.7969

■ 80.3712, 83.6243,
82.4273

■ 52.4474, 56.3834,
78.6410

■ 87.4431, 92.1386,
83.6979

■ 45.2478, 48.9580,
77.5872

■ 90.4548, 98.1619,
84.7018

■ 39.0299, 42.3131,
76.6323

■ 33.7456, 36.4176,
75.7729

■ 29.3420, 31.2380,
75.0052

■ 25.7605, 26.7376,
74.3253

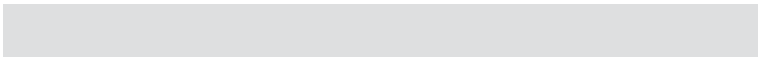
■ 22.9346, 22.8751,
73.7287

■ 20.7854, 19.6028,
73.2104

Harmonies

Analogous

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



69.8327, 73.6868, 80.8439



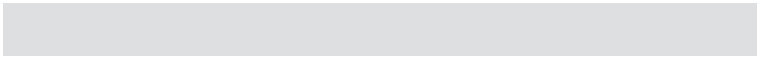
69.9664, 73.6868, 81.0564



70.1193, 73.6868, 81.0476

Triad

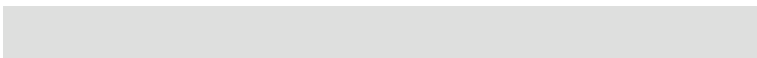
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9664, 73.6868, 81.0564



70.3212, 73.6868, 79.9974



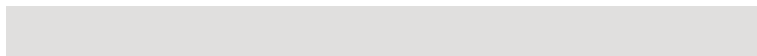
69.8243, 73.6868, 79.6478

Complementary

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



69.9664, 73.6868, 81.0564



70.3130, 73.8956, 79.6655

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.



69.9550, 73.6868, 79.4227



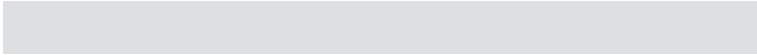
69.9664, 73.6868, 81.0564



70.2419, 73.6868, 79.6240

Square

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



69.9664, 73.6868, 81.0564



70.3242, 73.6868, 80.4351



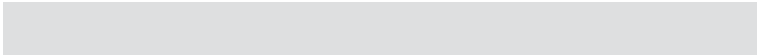
70.1078, 73.6868, 79.4140



69.7507, 73.6868, 80.0300

Rectangle

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



69.9664, 73.6868, 81.0564



70.2114, 73.6868, 80.9173



70.1078, 73.6868, 79.4140



69.8630, 73.6868, 79.5513

Sweetspot

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



69.9685, 73.6900, 81.0580

95.0500, 100.0000, 108.9000



70.0957, 74.1680, 80.4109



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

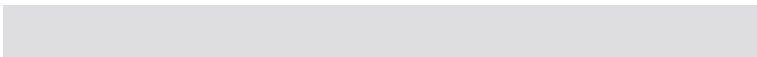
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9685, 73.6900, 81.0580



93.7143, 98.7120, 108.7218



69.7098, 73.1727, 80.9718



15.2558, 16.0682, 17.6851



11.3479, 10.1653, 42.4124



0.8761, 0.8837, 2.9696

Inverse Universe

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



70.1826, 73.4188, 80.2881



94.0381, 98.3023, 107.5573



70.5731, 74.4158, 79.7522



15.3052, 16.0057, 17.5074



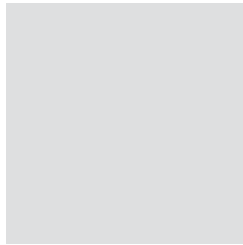
19.6681, 9.9342, 10.1838



1.4085, 0.7067, 0.9439

Previews

White Background



This preview shows how the XYZ color 69.9664, 73.6868, 81.0564 looks on a white background.

Color Contrast Check

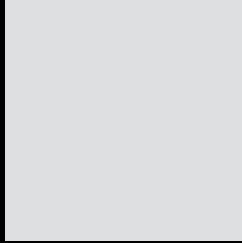
Large Text (above 18pt) WCAG AA × Fail

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 69.9664, 73.6868, 81.0564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

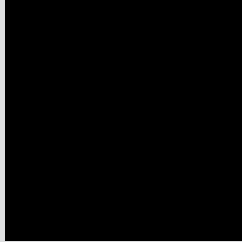
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

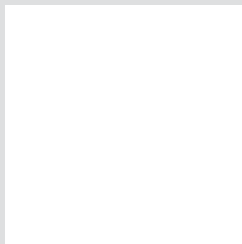
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9664, 73.6868, 81.0564

Background



This preview shows how black text looks on a background with the XYZ color 69.9664, 73.6868, 81.0564.

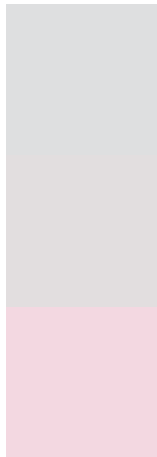


This preview shows how white text looks on a background with the XYZ color 69.9664, 73.6868,

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

69.9664, 73.6868, 81.0564

Protanopia

70.8046, 73.7390, 80.3133

Deuteranopia

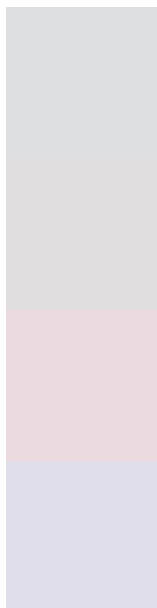
75.1086, 73.6027, 81.4822



Tritanopia

72.0295, 73.7332, 91.3245

Trichromacy



Original Color

69.9664, 73.6868, 81.0564

Protanomaly

70.4919, 73.5778, 80.2987

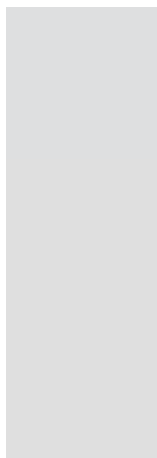
Deuteranomaly

73.1831, 73.7614, 81.6144

Tritanomaly

71.2607, 73.8137, 87.5824

Monochromacy



Original Color

69.9664, 73.6868, 81.0564

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 69.9664, 73.6868, 81.0564 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(222, 223, 224)  
}
```

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, 224) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 69.9664, 73.6868, 81.0564 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, 224) }
```

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

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

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, 224)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 69.9664, 73.6868, 81.0564 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, 224) }
```

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

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

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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