

Converting Colors

XYZ(69.7605, 74.1876, 82.5955)

Have a look what the booklet for
XYZ(69.7605, 74.1876, 82.5955)
contains.

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Color

**XYZ(69.8661, 74.4015,
82.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE1E2
RGB	219, 225, 226
RGB Percent	86%, 88%, 89%
CMY	0.1412, 0.1176, 0.1137
CMYK	0.03, 0.00, 0.00, 0.11
HSL	189°, 11%, 87%
HSV	189°, 3%, 89%
XYZ	69.8661, 74.4015, 82.6301
YIQ	223.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

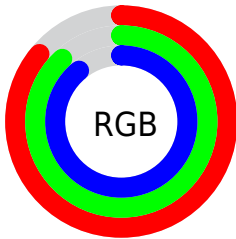
Format	Color
R_{YB}	219, 222, 226
Decimal	14410210
CIE _{Lab}	89.11, -1.82, -1.20
CIE _{LCh}	89, 2.183, 213.345
Yxy	74.4015, 0.3079, 0.3279
Android (android.graphics.Color)	4292600290 (0xFFDBE1E2)
YUV	223.3200, 1.3212, -3.7886
Hunter-Lab	86.2563, -6.3666, 3.5820

Details

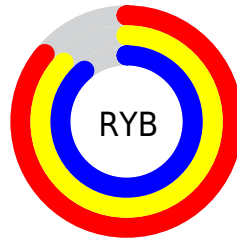
The XYZ color **69.8661, 74.4015, 82.6301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7436, 72.4688, 77.3309**, and the grayscale version is **70.3614, 74.0257, 80.6140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0353, 39.5822, 44.2162** is the 20% darker color. If you saturate the color by 10%, you get **62.6624, 69.4111, 82.0477**, and if you desaturate by 10%, it is **78.0136, 79.9069, 83.2645**.

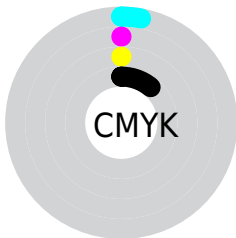
Distribution



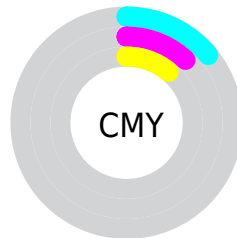
- Red (86%)
- Green (88%)
- Blue (89%)



- Red (86%)
- Yellow (87%)
- Blue (89%)



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



- Cyan (14%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8661, 74.4015, 82.6301 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 69.8661, 74.4015, 82.6301 by changing the saturation by 10% instead.

■ 69.8661, 74.4015,
82.6301

■ 69.8661, 74.4015,
82.6301

449.3535,
475.8579, 523.6916

■ 51.6966, 55.1227,
61.3462

118.0451,
125.4648, 138.9019

■ 36.9866, 39.5000,
44.0723

148.7853,
158.0181, 174.7268

■ 25.3707, 27.1489,
30.3897

184.4464,
195.7650, 216.2359

■ 16.4837, 17.6851,
19.8800

225.3938,
239.0900, 263.8476

■ 9.9601, 10.7241,
12.1246

271.9929,
288.3774, 317.9804

■ 5.4346, 5.8817,
6.7051

324.6089,

■ 2.5418, 2.7733,

344.0115, 379.0531

3.2027

383.6073,
406.3769, 447.4839

■ 0.9164, 1.0145,
1.1990

■ 0.0000, 0.0000,
0.0000

■ 69.8661, 74.4015,
82.6301

■ 69.8661, 74.4015,
82.6301

■ 62.6624, 69.4111,
82.0477

■ 78.0136, 79.9069,
83.2645

■ 56.3590, 64.9069,
81.5105

■ 83.6665, 84.1487,
83.7853

■ 50.9186, 60.8717,
81.0184

■ 84.5774, 85.9705,
84.0889

■ 46.2986, 57.2834,
80.5692

■ 85.5049, 87.8255,
84.3981

■ 42.4530, 54.1180,
80.1610

■ 86.4492, 89.7140,
84.7128

■ 39.3309, 51.3493,
79.7911

■ 87.4102, 91.6362,
85.0332

■ 36.8753, 48.9477,
79.4570

■ 88.3882, 93.5921,
85.3592

■ 35.0206, 46.8792,
79.1555

■ 89.3832, 95.5820,
85.6908

■ 33.6871, 45.1027,
78.8828

■ 90.3952, 97.6061,
86.0282

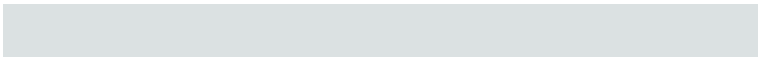
Harmonies

Analogous

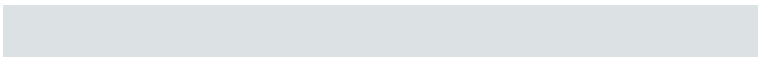
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7011, 74.4015, 81.1815



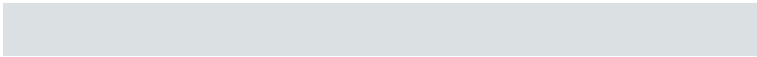
69.8661, 74.4015, 82.6301



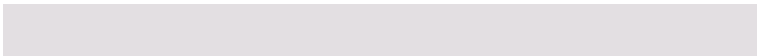
70.2589, 74.4015, 83.6546

Triad

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



69.8661, 74.4015, 82.6301



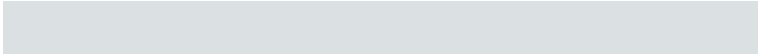
71.6337, 74.4015, 82.3307



70.6568, 74.4015, 78.1237

Complementary

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



69.8661, 74.4015, 82.6301



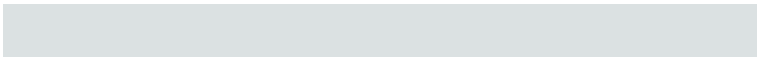
69.7436, 72.4688, 77.3309

Split Complementary

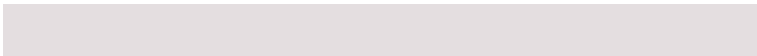
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.1759, 74.4015, 78.4228



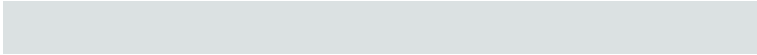
69.8661, 74.4015, 82.6301



71.7415, 74.4015, 80.8399

Square

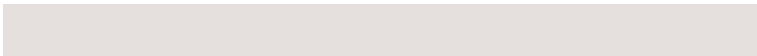
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8661, 74.4015, 82.6301



71.2796, 74.4015, 83.4803



71.5736, 74.4015, 79.4124



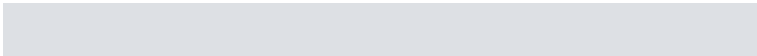
70.1561, 74.4015, 78.5901

Rectangle

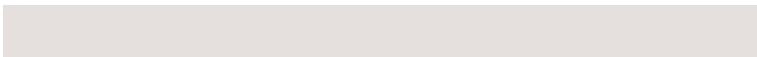
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8661, 74.4015, 82.6301



70.5980, 74.4015, 83.9526



71.5736, 74.4015, 79.4124



70.8349, 74.4015, 78.1381

Sweetspot

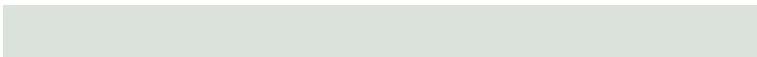
The Sweet Spot groups the original color and five complimentary colors.



69.8682, 74.4047, 82.6317



94.0024, 99.2882, 108.8178



69.3203, 74.6177, 78.4141



20.1314, 21.2593, 23.2924



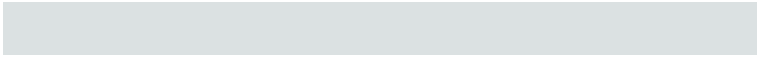
0.0000, 0.0000, 0.0000



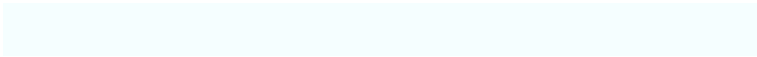
20.3446, 21.4041, 23.3091

Same Dimension

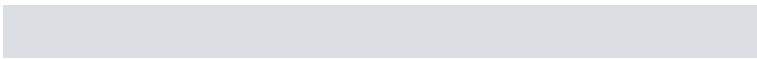
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8682, 74.4047, 82.6317



90.9351, 97.1938, 108.5752



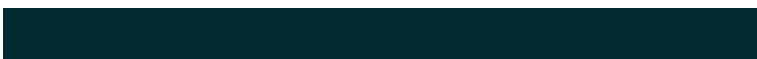
68.9483, 72.5649, 82.3251



14.6784, 15.7315, 17.6505



18.8832, 25.2361, 44.9242



1.3551, 1.8416, 3.1293

Inverse Universe

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



70.2878, 72.2694, 81.4828



91.6490, 93.5707, 106.6176



70.6549, 74.2916, 77.6347



14.8140, 15.0445, 17.2782



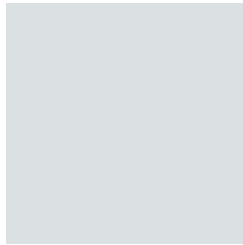
23.4716, 11.4556, 30.2128



1.6502, 0.8034, 2.2170

Previews

White Background



This preview shows how the XYZ color 69.8661, 74.4015, 82.6301 looks on a white background.

Color Contrast Check

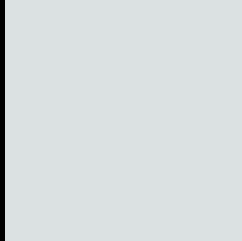
Large Text (above 18pt) WCAG AA × Fail

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 69.8661, 74.4015, 82.6301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

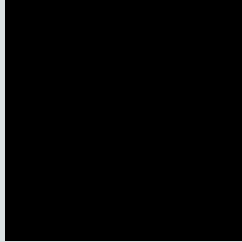
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

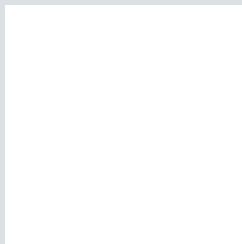
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.8661, 74.4015, 82.6301

Background



This preview shows how black text looks on a background with the XYZ color 69.8661, 74.4015, 82.6301.

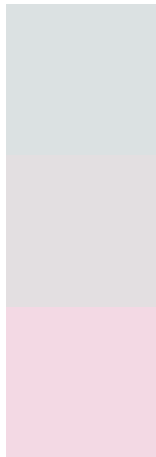


This preview shows how white text looks on a background with the XYZ color 69.8661, 74.4015,

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

69.8661, 74.4015, 82.6301

Protanopia

71.6568, 74.5425, 81.8456

Deuteranopia

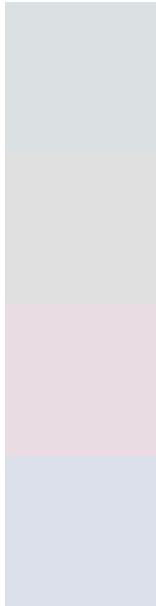
75.7786, 74.2818, 83.7427



Tritanopia

71.9346, 74.4388, 93.0148

Trichromacy



Original Color

69.8661, 74.4015, 82.6301

Protanomaly

70.9867, 74.5948, 81.8910

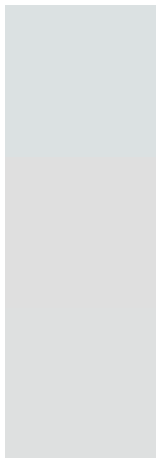
Deuteranomaly

73.3900, 74.2249, 83.1318

Tritanomaly

71.1663, 74.5251, 89.2312

Monochromacy



Original Color

69.8661, 74.4015, 82.6301

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.2344, 74.2227, 81.1457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8661, 74.4015, 82.6301 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(219, 225, 226) looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 226)  
}
```

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(219, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.8661, 74.4015, 82.6301 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(219, 225, 226) }
```


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

```
.border{ border-color:rgb(219, 225, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8661, 74.4015, 82.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 226) }
```

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

```
.background{ background-color: rgb(219,  
225, 226) }
```

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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