

Converting Colors

XYZ(70.0938, 74.7609, 83.6023)

Have a look what the booklet for
XYZ(70.0938, 74.7609, 83.6023)
contains.

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Color

**XYZ(70.2749, 74.9988,
83.4454)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBE2E3 |
| RGB | 219, 226, 227 |
| RGB Percent | 86%, 89%, 89% |
| CMY | 0.1412, 0.1137, 0.1098 |
| CMYK | 0.04, 0.00, 0.00, 0.11 |
| HSL | 187°, 13%, 87% |
| HSV | 187°, 4%, 89% |
| XYZ | 70.2749, 74.9988, 83.4454 |
| YIQ | 224.0210, -4.4930, -1.1730 |

Conversions

Conversions Part 2

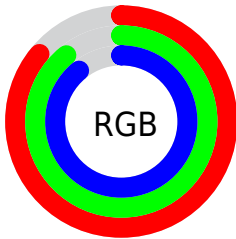
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 219, 223, 227 |
| Decimal | 14410467 |
| CIE Lab | 89.39, -2.15, -1.31 |
| CIE LCh | 89, 2.523, 211.385 |
| Yxy | 74.9988, 0.3073, 0.3279 |
| Android (android.graphics.Color) | 4292600547 (0xFFDBE2E3) |
| YUV | 224.0210, 1.4686, -4.4034 |
| Hunter-Lab | 86.6018, -6.7056, 3.4923 |

Details

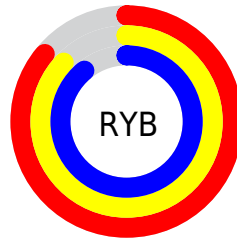
The XYZ color **70.2749, 74.9988, 83.4454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0582, 72.6311, 77.3457**, and the grayscale version is **70.8605, 74.5507, 81.1858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3191, 39.9969, 44.7830** is the 20% darker color. If you saturate the color by 10%, you get **63.1440, 70.1928, 82.8947**, and if you desaturate by 10%, it is **78.3541, 80.3167, 84.0472**.

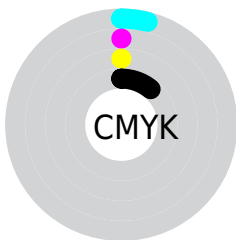
Distribution



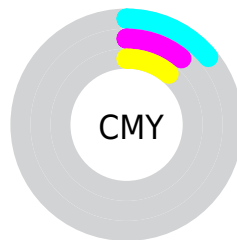
- Red (86%)
- Green (89%)
- Blue (89%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2749, 74.9988, 83.4454 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 70.2749, 74.9988, 83.4454 by changing the saturation by 10% instead.

■ 70.2749, 74.9988,
83.4454

■ 70.2749, 74.9988,
83.4454

450.7660,
477.9134, 526.4796

■ 52.0311, 55.6119,
62.0149

118.6248,
126.3107, 140.0539

■ 37.2542, 39.8919,
44.6089

149.4617,
159.0044, 176.0690

■ 25.5790, 27.4542,
30.8088

185.2269,
196.9026, 217.7827

■ 16.6399, 17.9147,
20.1960

226.2858,
240.3896, 265.6136

■ 10.0718, 10.8887,
12.3521

273.0038,
289.8498, 319.9802

■ 5.5092, 5.9921,
6.8585

325.7463,

■ 2.5868, 2.8403,

345.6675, 381.3010

3.2967

384.8786,
408.2273, 449.9946

■ 0.9392, 1.0489,
1.2480

■ 0.0000, 0.0000,
0.0186

■ 70.2749, 74.9988,
83.4454

■ 70.2749, 74.9988,
83.4454

■ 63.1440, 70.1928,
82.8947

■ 78.3541, 80.3167,
84.0472

■ 56.9175, 65.8696,
82.3884

■ 83.8664, 84.3282,
84.5309

■ 51.5574, 62.0117,
81.9263

■ 84.6672, 85.9297,
84.7979

■ 47.0207, 58.5968,
81.5063

■ 85.4808, 87.5570,
85.0691

■ 43.2606, 55.6008,
81.1262

■ 86.3074, 89.2102,
85.3446

■ 40.2255, 52.9969,
80.7835

■ 87.1469, 90.8893,
85.6245

■ 37.8576, 50.7552,
80.4756

■ 87.9995, 92.5944,
85.9086

■ 36.0899, 48.8412,
80.1994

■ 88.8651, 94.3257,
86.1972

■ 34.8413, 47.2128,
79.9509

■ 89.7439, 96.0833,
86.4901

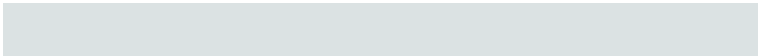
Harmonies

Analogous

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



70.1032, 74.9988, 81.7432



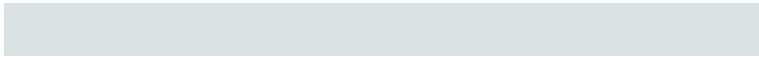
70.2749, 74.9988, 83.4454



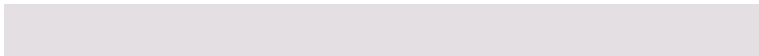
70.7168, 74.9988, 84.6838

Triad

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



70.2749, 74.9988, 83.4454



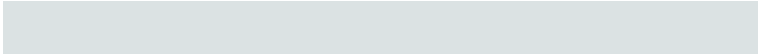
72.3319, 74.9988, 83.3010



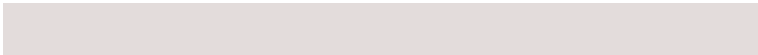
71.2554, 74.9988, 78.3071

Complementary

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



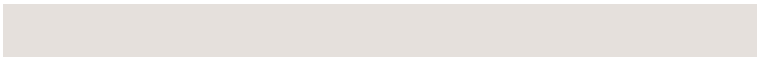
70.2749, 74.9988, 83.4454



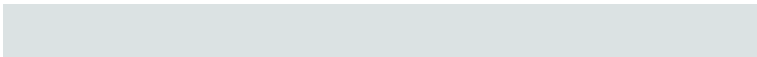
70.0582, 72.6311, 77.3457

Split Complementary

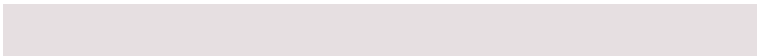
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8545, 74.9988, 78.7109



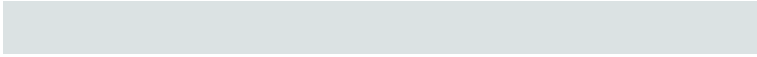
70.2749, 74.9988, 83.4454



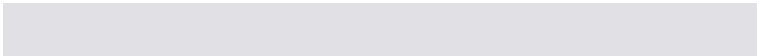
72.4782, 74.9988, 81.5787

Square

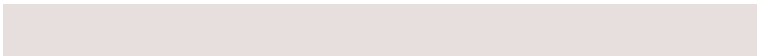
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2749, 74.9988, 83.4454



71.9045, 74.9988, 84.5996



72.3029, 74.9988, 79.9021



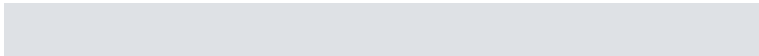
70.6673, 74.9988, 78.7912

Rectangle

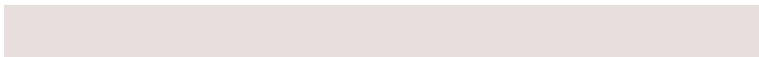
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2749, 74.9988, 83.4454



71.1063, 74.9988, 85.0707



72.3029, 74.9988, 79.9021



71.4622, 74.9988, 78.3435

Sweetspot

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



70.2770, 75.0020, 83.4470



94.0168, 99.3171, 108.8226



69.5931, 75.1632, 78.5050



20.1344, 21.2652, 23.2933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

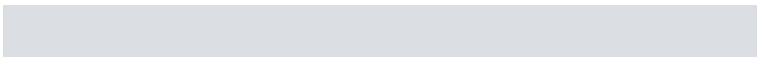
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2770, 75.0020, 83.4470



90.9925, 97.3086, 108.5944



69.2187, 72.8853, 83.0943



15.4097, 16.5267, 18.5221



20.0195, 27.1010, 46.5591



1.5225, 2.0890, 3.4549

Inverse Universe

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



70.7392, 72.4863, 82.2181



91.6780, 93.5823, 106.7702



71.1036, 74.7221, 77.6942



15.5466, 15.7836, 18.1573



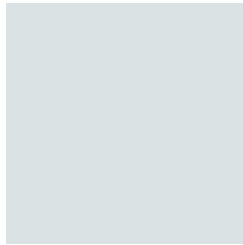
24.4984, 11.9336, 32.5833



1.8321, 0.8906, 2.5225

Previews

White Background



This preview shows how the XYZ color 70.2749, 74.9988, 83.4454 looks on a white background.

Color Contrast Check

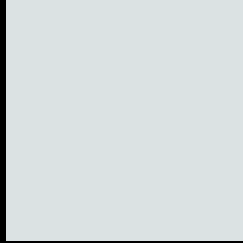
Large Text (above 18pt) WCAG AA × Fail

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 70.2749, 74.9988, 83.4454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

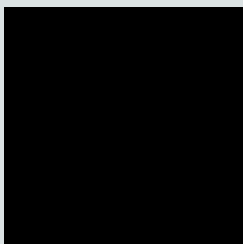
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

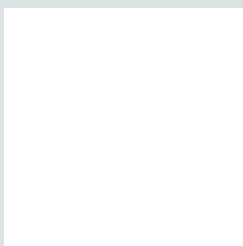
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2749, 74.9988, 83.4454

Background



This preview shows how black text looks on a background with the XYZ color 70.2749, 74.9988, 83.4454.



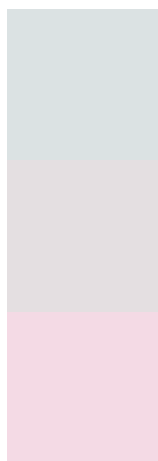
This preview shows how white text looks on a background with the XYZ color 70.2749, 74.9988,

83.4454.

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

70.2749, 74.9988, 83.4454

Protanopia

71.9732, 74.7056, 81.8604

Deuteranopia

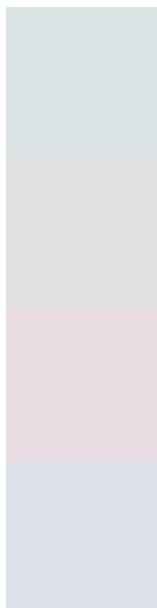
76.5225, 75.0330, 84.5784



Tritanopia

72.3516, 75.0343, 93.8888

Trichromacy



Original Color

70.2749, 74.9988, 83.4454

Protanomaly

71.4345, 74.8098, 82.6263

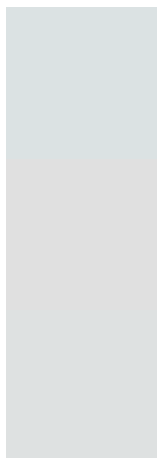
Deuteranomaly

74.1210, 74.9765, 83.9641

Tritanomaly

71.5807, 75.1222, 90.0842

Monochromacy



Original Color

70.2749, 74.9988, 83.4454

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6400, 74.8163, 81.9520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2749, 74.9988, 83.4454 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, 226, 227) looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 227)  
}
```

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, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.2749, 74.9988, 83.4454 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, 226, 227) }
```


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

```
.border{ border-color:rgb(219, 226, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 226, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 226, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 226, 227); box-shadow:4px 4px 4px 4px rgb(219, 226, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2749, 74.9988, 83.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 226, 227) }
```

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

```
.background{ background-color: rgb(219,  
226, 227) }
```

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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