

Converting Colors

XYZ(69.5032, 74.1641, 81.5084)

Have a look what the booklet for
XYZ(69.5032, 74.1641, 81.5084)
contains.

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Color

**XYZ(69.5932, 74.2923,
81.1929)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE1E0
RGB	219, 225, 224
RGB Percent	86%, 88%, 88%
CMY	0.1412, 0.1176, 0.1216
CMYK	0.03, 0.00, 0.00, 0.12
HSL	170°, 9%, 87%
HSV	170°, 3%, 88%
XYZ	69.5932, 74.2923, 81.1929
YIQ	223.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

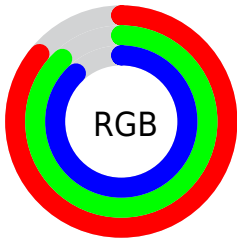
Format	Color
R _Y B	219, 222, 225
Decimal	14410208
CIE Lab	89.06, -2.19, -0.22
CIE LCh	89, 2.201, 185.855
Yxy	74.2923, 0.3092, 0.3301
Android (android.graphics.Color)	4292600288 (0xFFDBE1E0)
YUV	223.0920, 0.4476, -3.5887
Hunter-Lab	86.1930, -6.7148, 4.4845

Details

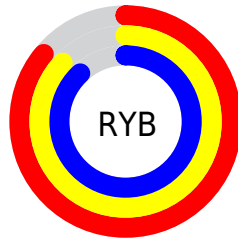
The XYZ color **69.5932, 74.2923, 81.1929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3039, 71.8399, 77.9276**, and the grayscale version is **70.2050, 73.8611, 80.4347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8460, 39.5065, 43.2196** is the 20% darker color. If you saturate the color by 10%, you get **62.7723, 70.8364, 78.2413**, and if you desaturate by 10%, it is **77.3446, 78.2308, 84.2500**.

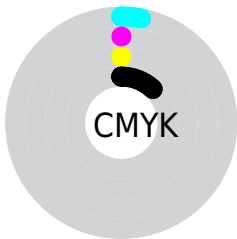
Distribution



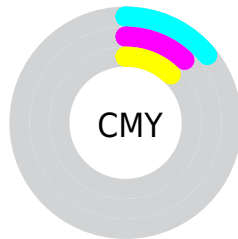
- Red (86%)
- Green (88%)
- Blue (88%)



- Red (86%)
- Yellow (87%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5932, 74.2923, 81.1929 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 69.5932, 74.2923, 81.1929 by changing the saturation by 10% instead.

■ 69.5932, 74.2923,
81.1929

■ 69.5932, 74.2923,
81.1929

448.4091,
475.4816, 518.7563

■ 51.4734, 55.0333,
60.1686

117.6579,
125.3101, 136.8681

■ 36.8080, 39.4284,
43.1283

148.3334,
157.8377, 172.3560

■ 25.2319, 27.0932,
29.6537

183.9249,
195.5569, 213.5022

■ 16.3796, 17.6432,
19.3260

224.7977,
238.8521, 260.7253

■ 9.8857, 10.6941,
11.7269

271.3172,
288.1079, 314.4437

■ 5.3849, 5.8616,
6.4377

323.8487,

■ 2.5119, 2.7611,

343.7084, 375.0759

3.0400

382.7575,
406.0382, 443.0407

■ 0.9013, 1.0083,
1.1151

■ 0.0000, 0.0000,
0.0000

■ 69.5932, 74.2923,
81.1929

■ 69.5932, 74.2923,
81.1929

■ 62.7723, 70.8364,
78.2413

■ 77.3446, 78.2308,
84.2500

■ 56.8390, 67.8346,
75.3883


■ 82.6646, 80.9124,
87.2511


■ 51.7565, 65.2702,
72.6333


■ 83.2034, 81.1279,
90.0880


■ 47.4830, 63.1216,
69.9739


■ 83.7536, 81.3480,
92.9855


 43.9729, 61.3652,
67.4077


 84.3154, 81.5728,
95.9440


 41.1763, 59.9754,
64.9319


 84.8889, 81.8021,
98.9637


 39.0371, 58.9233,
62.5434

 85.4740, 82.0362,
102.0451

 37.4907, 58.1755,
60.2389

 86.0710, 82.2750,
105.1885

 36.4594, 57.6920,
58.0144

 86.2166, 82.3332,
105.9555

Harmonies

Analogous

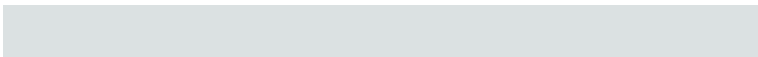
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.6771, 74.2923, 79.6914



69.5932, 74.2923, 81.1929



69.7813, 74.2923, 82.6314

Triad

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



69.5932, 74.2923, 81.1929



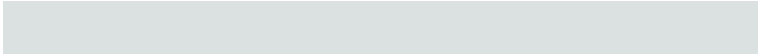
71.2175, 74.2923, 83.3055



71.0346, 74.2923, 78.2304

Complementary

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



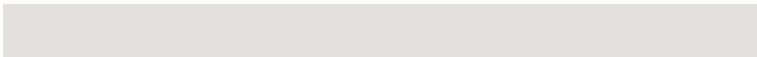
69.5932, 74.2923, 81.1929



69.3039, 71.8399, 77.9276

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.



71.4505, 74.2923, 79.1766



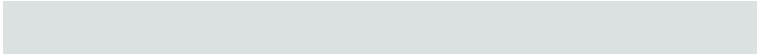
69.5932, 74.2923, 81.1929



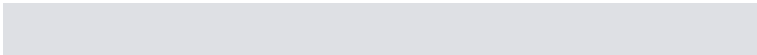
71.5564, 74.2923, 82.1040

Square

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



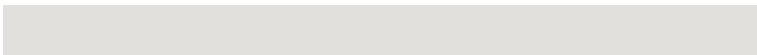
69.5932, 74.2923, 81.1929



70.7177, 74.2923, 83.8609



71.6419, 74.2923, 80.5912



70.5076, 74.2923, 77.9934

Rectangle

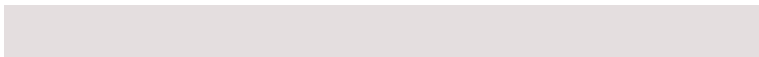
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



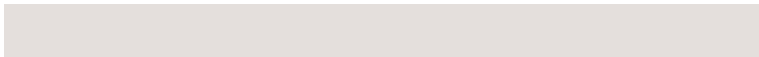
69.5932, 74.2923, 81.1929



70.0362, 74.2923, 83.3570



71.6419, 74.2923, 80.5912



71.1921, 74.2923, 78.4755

Sweetspot

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



69.5953, 74.2955, 81.1945



94.0495, 99.4921, 108.4953



69.2592, 74.1994, 77.6906



20.1410, 21.3008, 23.2267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

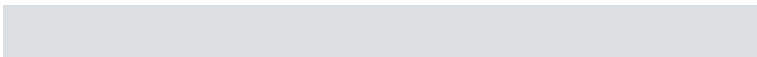
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5953, 74.2955, 81.1945



92.0861, 98.4958, 107.6901



69.2207, 73.3279, 81.7432



14.8597, 15.9603, 17.4665



20.7456, 33.1231, 32.7133



1.4644, 2.3065, 2.4069

Inverse Universe

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



69.3039, 71.8399, 77.9276



91.6489, 94.8122, 102.7895



69.6702, 72.7845, 77.3958



14.7713, 15.2149, 16.4749



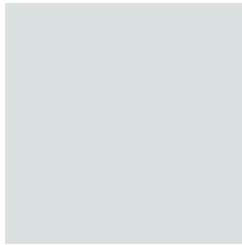
18.1201, 9.3150, 2.0324



1.2846, 0.6571, 0.2917

Previews

White Background



This preview shows how the XYZ color 69.5932, 74.2923, 81.1929 looks on a white background.

Color Contrast Check

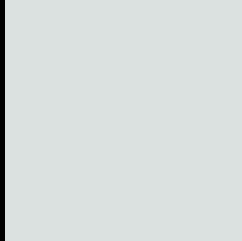
Large Text (above 18pt) WCAG AA × Fail

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 69.5932, 74.2923, 81.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

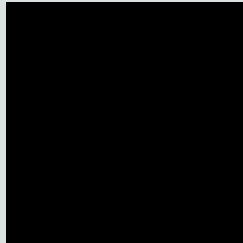
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

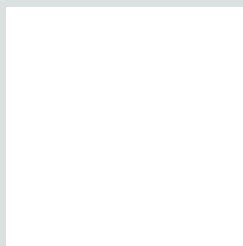
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5932, 74.2923, 81.1929

Background



This preview shows how black text looks on a background with the XYZ color 69.5932, 74.2923, 81.1929.

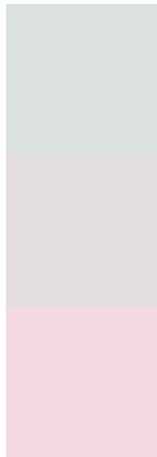


This preview shows how white text looks on a background with the XYZ color 69.5932, 74.2923,

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

69.5932, 74.2923, 81.1929

Protanopia

71.4355, 74.0642, 80.3428

Deuteranopia

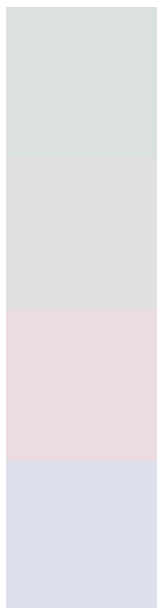
75.8485, 74.3498, 82.3048



Tritanopia

72.2401, 74.5962, 93.0291

Trichromacy



Original Color

69.5932, 74.2923, 81.1929

Protanomaly

70.7583, 74.1106, 80.3875

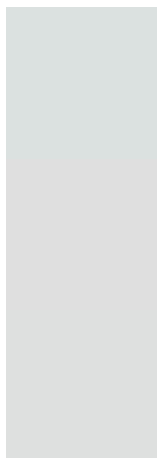
Deuteranomaly

73.4448, 74.2848, 81.7016

Tritanomaly

71.3257, 74.6240, 88.4865

Monochromacy



Original Color

69.5932, 74.2923, 81.1929

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0991, 74.1686, 80.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5932, 74.2923, 81.1929 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 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(219, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.5932, 74.2923, 81.1929 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, 224) }
```


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

```
.border{ border-color:rgb(219, 225, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5932, 74.2923, 81.1929 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, 224) }
```

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

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