

Converting Colors

XYZ(68.2194, 72.2744, 81.7329)

Have a look what the booklet for
XYZ(68.2194, 72.2744, 81.7329)
contains.

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Color

**XYZ(68.3272, 72.4305,
81.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DEE1
RGB	217, 222, 225
RGB Percent	85%, 87%, 88%
CMY	0.1490, 0.1294, 0.1176
CMYK	0.04, 0.01, 0.00, 0.12
HSL	202°, 12%, 87%
HSV	202°, 4%, 88%
XYZ	68.3272, 72.4305, 81.6134
YIQ	220.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

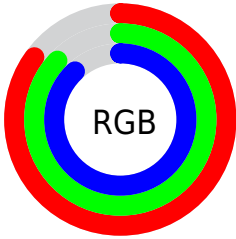
Format	Color
R _Y B	217, 220, 225
Decimal	14278369
CIE Lab	88.18, -1.12, -2.06
CIE LCh	88, 2.350, 241.411
Yxy	72.4305, 0.3073, 0.3257
Android (android.graphics.Color)	4292468449 (0xFFD9DEE1)
YUV	220.8470, 2.0474, -3.3738
Hunter-Lab	85.1061, -5.6275, 2.7175

Details

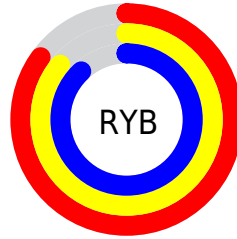
The XYZ color **68.3272, 72.4305, 81.6134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1692, 72.2031, 75.9379**, and the grayscale version is **68.6098, 72.1828, 78.6071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9747, 38.2211, 43.5115** is the 20% darker color. If you saturate the color by 10%, you get **59.9077, 64.8516, 80.5954**, and if you desaturate by 10%, it is **77.7746, 80.7095, 82.7146**.

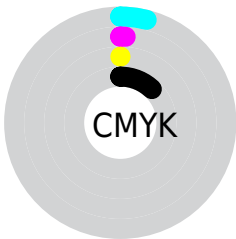
Distribution



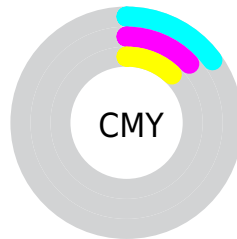
- Red (85%)
- Green (87%)
- Blue (88%)



- Red (85%)
- Yellow (86%)
- Blue (88%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3272, 72.4305, 81.6134 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 68.3272, 72.4305, 81.6134 by changing the saturation by 10% instead.

■ 68.3272, 72.4305,
81.6134

■ 68.3272, 72.4305,
81.6134

444.0130,
469.0386, 520.2031

■ 50.4386, 53.5104,
60.5130

115.8594,
122.6684, 137.4635

■ 35.9813, 38.2104,
43.4042

146.2338,
154.7550, 173.0503

■ 24.5898, 26.1460,
29.8687

181.5008,
191.9992, 214.3030

■ 15.8988, 16.9329,
19.4877

222.0258,
234.7855, 261.6400

■ 9.5429, 10.1867,
11.8428

268.1742,
283.4982, 315.4800

■ 5.1569, 5.5229,
6.5155

320.3113,

■ 2.3753, 2.5572,

338.5216, 376.2415

3.0872

378.8024,
400.2403, 444.3430

■ 0.8328, 0.9052,
1.1393

■ 0.0000, 0.0000,
0.0000

■ 68.3272, 72.4305,
81.6134

■ 68.3272, 72.4305,
81.6134

■ 59.9077, 64.8516,
80.5954

■ 77.7746, 80.7095,
82.7146

■ 52.4715, 57.9413,
79.6535

■ 85.6566, 88.3478,
83.7735

■ 45.9800, 51.6793,
78.7870

■ 88.1799, 93.3945,
84.6146

■ 40.3894, 46.0405,
77.9932

■ 90.5908, 98.2163,
85.4182

■ 35.6523, 40.9979,
77.2696

■ 31.7164, 36.5218,
76.6130

■ 28.5233, 32.5795,
76.0204

■ 26.0058, 29.1336,
75.4879

■ 24.0825, 26.1392,
75.0113

Harmonies

Analogous

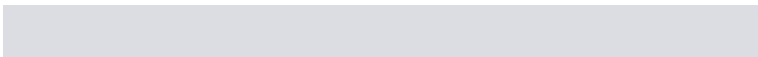
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.9249, 72.4305, 80.4885



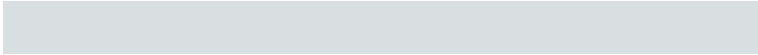
68.3272, 72.4305, 81.6134



68.8696, 72.4305, 81.9991

Triad

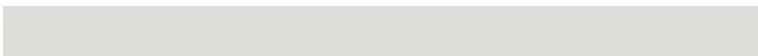
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.3272, 72.4305, 81.6134



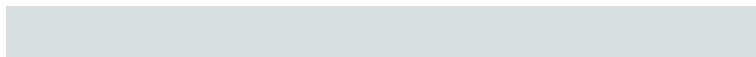
69.9290, 72.4305, 78.7883



68.2813, 72.4305, 76.2525

Complementary

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



68.3272, 72.4305, 81.6134



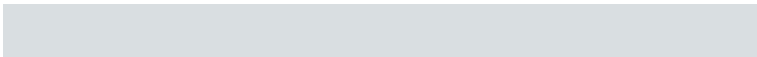
69.1692, 72.2031, 75.9379

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.



68.8164, 72.4305, 75.8108



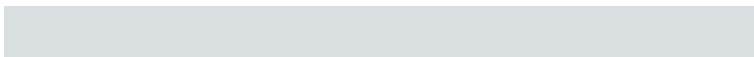
68.3272, 72.4305, 81.6134



69.7694, 72.4305, 77.2625

Square

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



68.3272, 72.4305, 81.6134



69.7963, 72.4305, 80.3548



69.3614, 72.4305, 76.1780



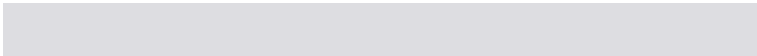
67.8985, 72.4305, 77.3928

Rectangle

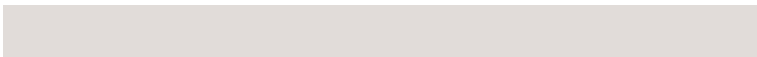
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.3272, 72.4305, 81.6134



69.2383, 72.4305, 81.7810



69.3614, 72.4305, 76.1780



68.4493, 72.4305, 76.0181

Sweetspot

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



68.3293, 72.4336, 81.6150



93.8141, 98.9117, 108.7551



68.4511, 73.7671, 78.2958



20.0931, 21.1827, 23.2796



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

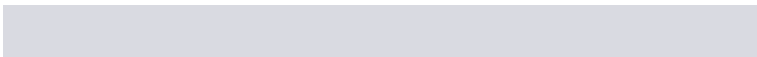
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.3293, 72.4336, 81.6150



90.1897, 95.7030, 108.3268



67.2958, 70.3667, 81.2705



14.5366, 15.4479, 17.6033



13.4123, 14.2941, 43.1005



1.0148, 1.1611, 3.0159

Inverse Universe

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



69.0506, 70.9087, 79.1582



91.2728, 93.4202, 104.6364



70.2146, 74.2940, 76.2864



14.7425, 15.0159, 16.9014



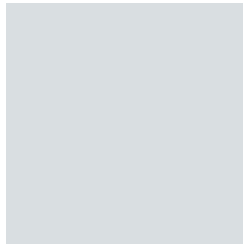
20.7101, 10.3510, 15.6710



1.4785, 0.7347, 1.3125

Previews

White Background



This preview shows how the XYZ color 68.3272, 72.4305, 81.6134 looks on a white background.

Color Contrast Check

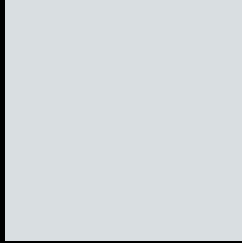
Large Text (above 18pt) WCAG AA × Fail

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 68.3272, 72.4305, 81.6134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

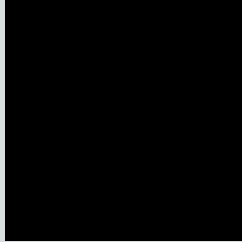
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

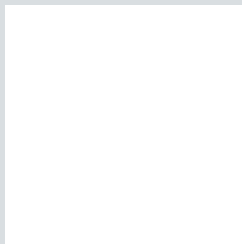
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3272, 72.4305, 81.6134

Background



This preview shows how black text looks on a background with the XYZ color 68.3272, 72.4305, 81.6134.



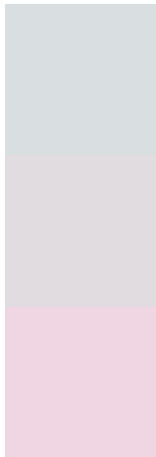
This preview shows how white text looks on a background with the XYZ color 68.3272, 72.4305,

81.6134.

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

68.3272, 72.4305, 81.6134

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

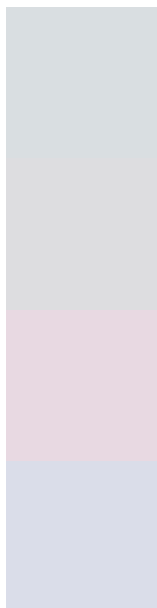
73.8469, 72.1645, 82.7100



Tritanopia

70.0927, 72.3609, 90.3935

Trichromacy



Original Color

68.3272, 72.4305, 81.6134

Protanomaly

69.1298, 72.4669, 80.8650

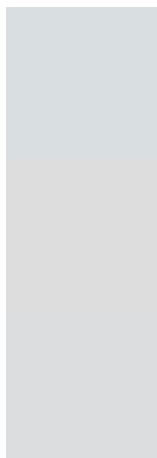
Deuteranomaly

71.8190, 72.2725, 82.1162

Tritanomaly

69.4779, 72.5015, 87.4231

Monochromacy



Original Color

68.3272, 72.4305, 81.6134

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5565, 72.2025, 79.4304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3272, 72.4305, 81.6134 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(217, 222, 225) looks like.

```
.text, #text, p{  
    color:rgb(217, 222, 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(217, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 68.3272, 72.4305, 81.6134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

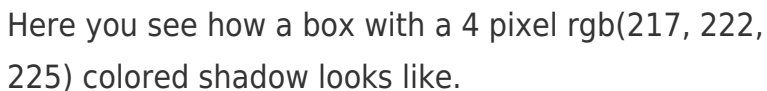
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 222, 225) }
```


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

```
.border{ border-color:rgb(217, 222, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 222, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 222, 225); box-shadow:4px 4px 4px 4px rgb(217, 222, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3272, 72.4305, 81.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 225) }
```

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

```
.background{ background-color: rgb(217,  
222, 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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