

Converting Colors

XYZ(68.4485, 72.0229, 81.9373)

Have a look what the booklet for
XYZ(68.4485, 72.0229, 81.9373)
contains.

XYZ(68.4974, 72.1093, 82.2598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.4974, 72.1093,
82.2598)**

Conversions

Conversions Part 1

Format	Color
Hex	DADDE2
RGB	218, 221, 226
RGB Percent	85%, 87%, 89%
CMY	0.1451, 0.1333, 0.1137
CMYK	0.04, 0.02, 0.00, 0.11
HSL	217°, 12%, 87%
HSV	217°, 4%, 89%
XYZ	68.4974, 72.1093, 82.2598
YIQ	220.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

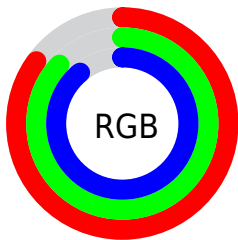
Format	Color
R _Y B	218, 220, 226
Decimal	14343650
CIE Lab	88.02, -0.09, -2.81
CIE LCh	88, 2.809, 268.206
Yxy	72.1093, 0.3073, 0.3236
Android (android.graphics.Color)	4292533730 (0xFFDADDE2)
YUV	220.6730, 2.6262, -2.3442
Hunter-Lab	84.9172, -4.6203, 2.0075

Details

The XYZ color **68.4974, 72.1093, 82.2598** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4069, 74.0055, 76.9046**, and the grayscale version is **68.4836, 72.0501, 78.4626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0912, 37.9992, 43.9605** is the 20% darker color. If you saturate the color by 10%, you get **58.6234, 61.7189, 80.7758**, and if you desaturate by 10%, it is **79.6105, 83.6077, 83.8946**.

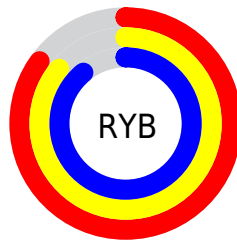
Distribution



Red (85%)

Green (87%)

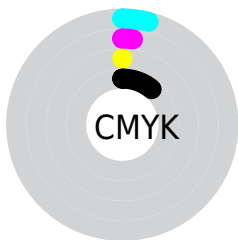
Blue (89%)



Red (85%)

Yellow (86%)

Blue (89%)

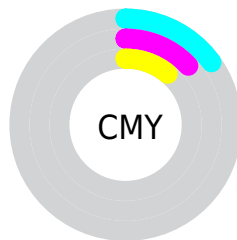


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4974, 72.1093, 82.2598 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 68.4974, 72.1093, 82.2598 by changing the saturation by 10% instead.

■ 68.4974, 72.1093,
82.2598

■ 68.4974, 72.1093,
82.2598

444.6055,
467.9219, 522.4225

■ 50.5777, 53.2480,
61.0426

116.1014,
122.2119, 138.3782

■ 36.0923, 38.0008,
43.8288

146.5164,
154.2220, 174.1166

■ 24.6759, 25.9833,
30.1997

181.8272,
191.3838, 215.5324

■ 15.9632, 16.8111,
19.7369

222.3991,
234.0816, 263.0442

■ 9.5888, 10.0999,
12.0218

268.5976,
282.7000, 317.0706

■ 5.1873, 5.4653,
6.6358

320.7879,

■ 2.3935, 2.5227,

337.6232, 378.0301

3.1604

379.3354,
399.2357, 446.3412

■ 0.8419, 0.8880,
1.1771

■ 0.0000, 0.0000,
0.0000

■ 68.4974, 72.1093,
82.2598

■ 68.4974, 72.1093,
82.2598

■ 58.6234, 61.7189,
80.7758

■ 79.6105, 83.6077,
83.8946

■ 49.9374, 52.3928,
79.4334

■ 88.9164, 94.6486,
85.5352

■ 42.3942, 44.0977,
78.2299

■ 90.7277, 98.2711,
86.1390

■ 35.9427, 36.7950,
77.1604

■ 30.5282, 30.4437,
76.2198

■ 26.0904, 24.9992,
75.4028

■ 22.5628, 20.4128,
74.7035

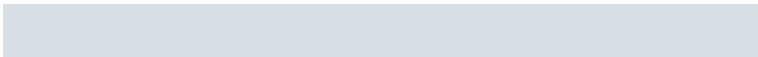
■ 19.8689, 16.6302,
74.1154

■ 17.9178, 13.5885,
73.6311

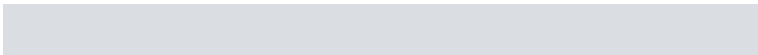
Harmonies

Analogous

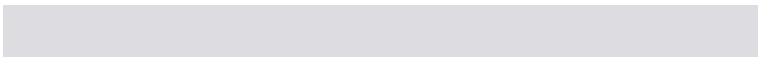
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8613, 72.1093, 81.6920



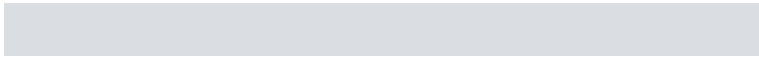
68.4974, 72.1093, 82.2598



69.1483, 72.1093, 81.8106

Triad

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



68.4974, 72.1093, 82.2598



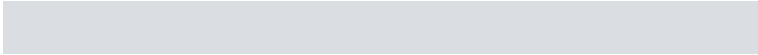
69.6791, 72.1093, 76.7842



67.4488, 72.1093, 76.5872

Complementary

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



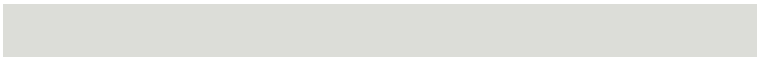
68.4974, 72.1093, 82.2598



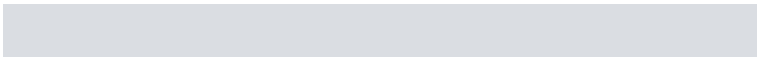
70.4069, 74.0055, 76.9046

Split Complementary

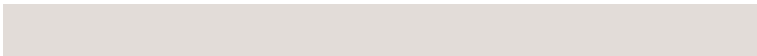
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9308, 72.1093, 75.3086



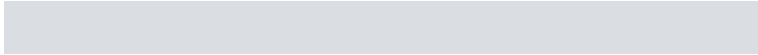
68.4974, 72.1093, 82.2598



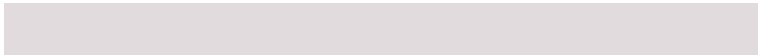
69.2186, 72.1093, 75.4210

Square

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



68.4974, 72.1093, 82.2598



69.8332, 72.1093, 78.6303



68.5781, 72.1093, 74.8852



67.2584, 72.1093, 78.3993

Rectangle

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



68.4974, 72.1093, 82.2598



69.5025, 72.1093, 80.9990



68.5781, 72.1093, 74.8852



67.5819, 72.1093, 76.0819

Sweetspot

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



68.4995, 72.1124, 82.2614



93.6121, 98.5076, 108.6877



69.4213, 74.6235, 80.5110



20.0520, 21.1004, 23.2659



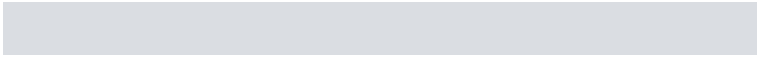
0.0000, 0.0000, 0.0000



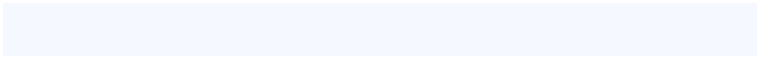
20.3446, 21.4041, 23.3091

Same Dimension

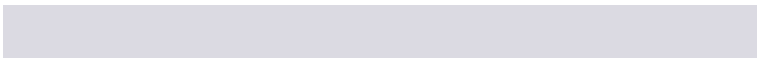
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4995, 72.1124, 82.2614



89.3977, 94.1189, 108.0628



67.9935, 70.6848, 82.0125



14.3863, 15.1473, 17.5532



9.7830, 7.0355, 41.8907



0.7622, 0.6559, 2.9317

Inverse Universe

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



69.4882, 71.5335, 78.5551



90.8730, 93.2603, 102.5312



70.9245, 75.4741, 77.1608



14.6666, 14.9856, 16.5019



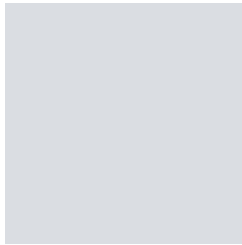
18.8782, 9.6183, 6.0243



1.3510, 0.6837, 0.6412

Previews

White Background



This preview shows how the XYZ color 68.4974, 72.1093, 82.2598 looks on a white background.

Color Contrast Check

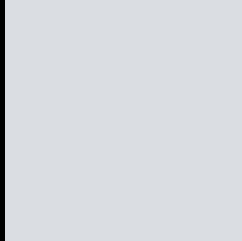
Large Text (above 18pt) WCAG AA × Fail

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 68.4974, 72.1093, 82.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

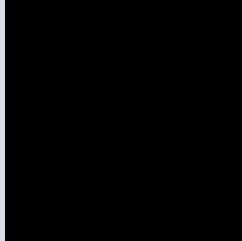
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

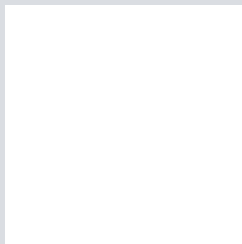
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4974, 72.1093, 82.2598

Background



This preview shows how black text looks on a background with the XYZ color 68.4974, 72.1093, 82.2598.

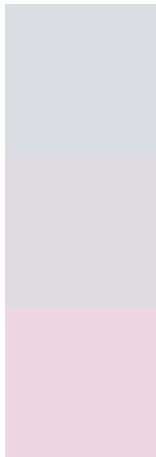


This preview shows how white text looks on a background with the XYZ color 68.4974, 72.1093,

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

68.4974, 72.1093, 82.2598

Protanopia

69.3536, 71.7873, 81.4352

Deuteranopia

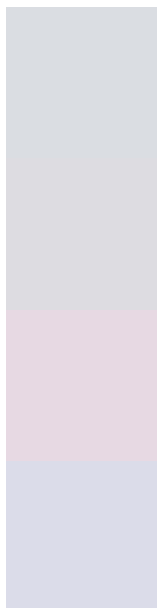
73.5083, 71.9899, 82.6942



Tritanopia

70.1328, 71.9931, 90.3204

Trichromacy



Original Color

68.4974, 72.1093, 82.2598

Protanomaly

69.0026, 71.9948, 81.4937

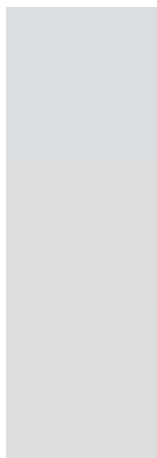
Deuteranomaly

71.6330, 72.1607, 82.8260

Tritanomaly

69.5146, 72.1297, 87.3494

Monochromacy



Original Color

68.4974, 72.1093, 82.2598

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.6909, 72.2563, 80.1385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4974, 72.1093, 82.2598 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(218, 221, 226) looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 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(218, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 226) }
```

Border

The CSS property to change the border of an element to XYZ 68.4974, 72.1093, 82.2598 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(218, 221, 226) }
```


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

```
.border{ border-color:rgb(218, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4974, 72.1093, 82.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 226) }
```

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

```
.background{ background-color: rgb(218,  
221, 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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