

Converting Colors

XYZ(69.3821, 73.0033, 84.5299)

Have a look what the booklet for
XYZ(69.3821, 73.0033, 84.5299)
contains.

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Color

**XYZ(69.1776, 72.8051,
84.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	DADEE5
RGB	218, 222, 229
RGB Percent	85%, 87%, 90%
CMY	0.1451, 0.1294, 0.1020
CMYK	0.05, 0.03, 0.00, 0.10
HSL	218°, 17%, 88%
HSV	218°, 5%, 90%
XYZ	69.1776, 72.8051, 84.5355
YIQ	221.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

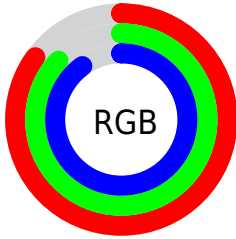
Format	Color
R _Y B	218, 221, 229
Decimal	14343909
CIE Lab	88.35, -0.05, -3.90
CIE LCh	88, 3.897, 269.316
Yxy	72.8051, 0.3054, 0.3214
Android (android.graphics.Color)	4292533989 (0xFFDADEE5)
YUV	221.6020, 3.6472, -3.1590
Hunter-Lab	85.3259, -4.6022, 0.9874

Details

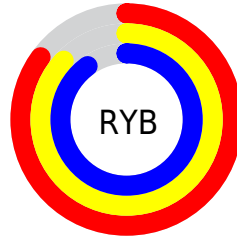
The XYZ color **69.1776, 72.8051, 84.5355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8935, 75.5698, 77.1282**, and the grayscale version is **69.1297, 72.7299, 79.2028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5630, 38.4800, 45.5447** is the 20% darker color. If you saturate the color by 10%, you get **59.0944, 62.1117, 83.0040**, and if you desaturate by 10%, it is **80.5454, 84.6610, 86.2259**.

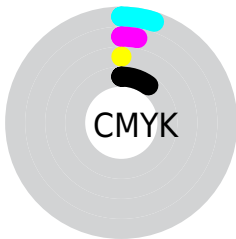
Distribution



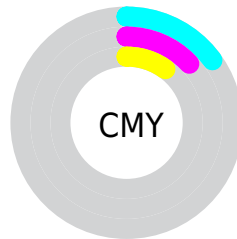
- Red (85%)
- Green (87%)
- Blue (90%)



- Red (85%)
- Yellow (87%)
- Blue (90%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1776, 72.8051, 84.5355 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 69.1776, 72.8051, 84.5355 by changing the saturation by 10% instead.

■ 69.1776, 72.8051,
84.5355

■ 69.1776, 72.8051,
84.5355

446.9687,
470.3390, 530.1942

■ 51.1335, 53.8166,
62.9097

117.0679,
123.2005, 141.5924

■ 36.5364, 38.4551,
45.3276

147.6448,
155.3762, 177.8606

■ 25.0207, 26.3361,
31.3707

183.1301,
192.7164, 219.8467

■ 16.2213, 17.0752,
20.6205

223.8890,
235.6055, 267.9692

■ 9.7727, 10.2881,
12.6583

270.2870,
284.4279, 322.6467

■ 5.3096, 5.5904,
7.0658

322.6893,

■ 2.4667, 2.5977,

339.5681, 384.2976

3.4242

381.4615,
401.4103, 453.3406

■ 0.8785, 0.9255,
1.3151

■ 0.0000, 0.0000,
0.0741

■ 69.1776, 72.8051,
84.5355

■ 69.1776, 72.8051,
84.5355

■ 59.0944, 62.1117,
83.0040

■ 80.5454, 84.6610,
86.2259

■ 50.2426, 52.5347,
81.6220

■ 89.9230, 95.9971,
87.9197

■ 42.5742, 44.0385,
80.3862

■ 91.1431, 98.4372,
88.3264

■ 36.0358, 36.5820,
79.2916

■ 30.5695, 30.1211,
78.3326

■ 26.1120, 24.6083,
77.5035

■ 22.5924, 19.9914,
76.7978

■ 19.9299, 16.2119,
76.2087

■ 18.0269, 13.2019,
75.7280

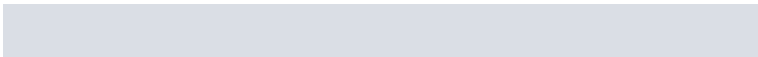
Harmonies

Analogous

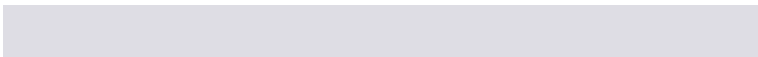
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2853, 72.8051, 83.7854



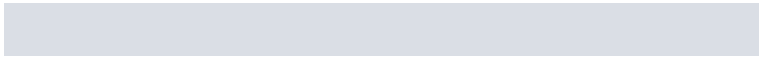
69.1776, 72.8051, 84.5355



70.0835, 72.8051, 83.8492

Triad

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



69.1776, 72.8051, 84.5355



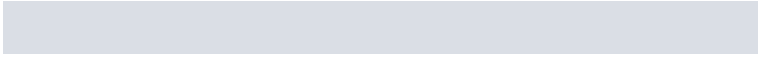
70.7792, 72.8051, 76.7769



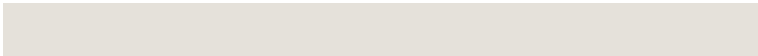
67.6637, 72.8051, 76.6727

Complementary

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



69.1776, 72.8051, 84.5355



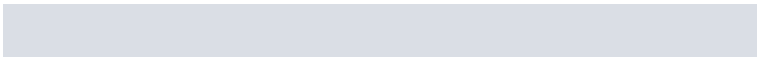
71.8935, 75.5698, 77.1282

Split Complementary

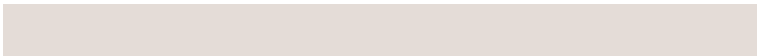
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3221, 72.8051, 74.8652



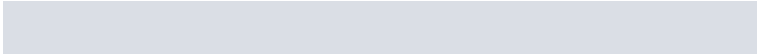
69.1776, 72.8051, 84.5355



70.1210, 72.8051, 74.9244

Square

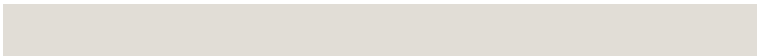
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1776, 72.8051, 84.5355



71.0132, 72.8051, 79.3339



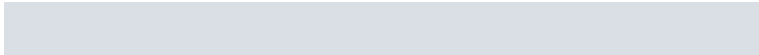
69.2205, 72.8051, 74.2324



67.4161, 72.8051, 79.2109

Rectangle

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



69.1776, 72.8051, 84.5355



70.5720, 72.8051, 82.6780



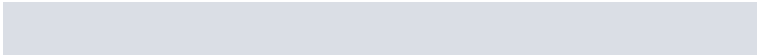
69.2205, 72.8051, 74.2324



67.8441, 72.8051, 75.9616

Sweetspot

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



69.1797, 72.8082, 84.5371



93.6028, 98.4891, 108.6846



70.5200, 76.3797, 82.2375



20.0501, 21.0967, 23.2653



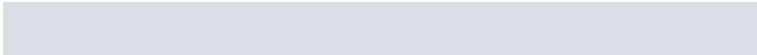
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



69.1797, 72.8082, 84.5371



86.6170, 91.1601, 107.6382



68.5695, 70.9338, 84.2075



14.6469, 15.4149, 18.3477



9.9744, 7.0109, 43.2107



0.8231, 0.6900, 3.2218

Inverse Universe

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



70.5710, 72.0762, 79.3034



88.8343, 90.0127, 99.2932



72.5224, 77.5195, 77.4714



15.0606, 15.2025, 16.7901



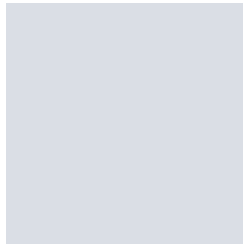
19.4281, 9.9055, 5.8834



1.4791, 0.7493, 0.6633

Previews

White Background



This preview shows how the XYZ color 69.1776, 72.8051, 84.5355 looks on a white background.

Color Contrast Check

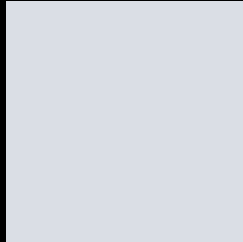
Large Text (above 18pt) WCAG AA × Fail

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 69.1776, 72.8051, 84.5355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

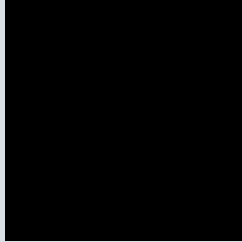
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

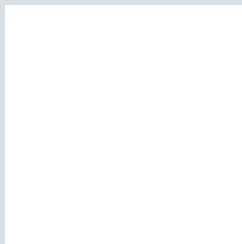
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1776, 72.8051, 84.5355

Background



This preview shows how black text looks on a background with the XYZ color 69.1776, 72.8051, 84.5355.

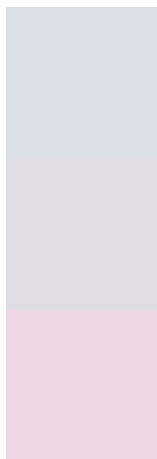


This preview shows how white text looks on a background with the XYZ color 69.1776, 72.8051, 84.5355.

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

69.1776, 72.8051, 84.5355

Protanopia

70.3373, 72.6351, 83.7116

Deuteranopia

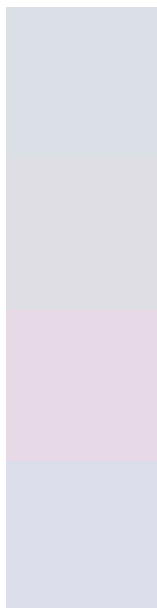
74.1800, 72.6648, 84.9789



Tritanopia

70.5025, 72.9460, 91.2530

Trichromacy



Original Color

69.1776, 72.8051, 84.5355

Protanomaly

69.9842, 72.8439, 83.7705

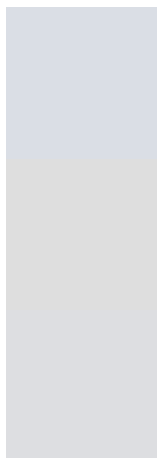
Deuteranomaly

72.3093, 72.8449, 85.1123

Tritanomaly

70.0653, 72.7711, 88.9507

Monochromacy



Original Color

69.1776, 72.8051, 84.5355

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5307, 73.0509, 81.6697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1776, 72.8051, 84.5355 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, 222, 229) looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 229)  
}
```

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, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 229) }
```

Border

The CSS property to change the border of an element to XYZ 69.1776, 72.8051, 84.5355 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, 222, 229) }
```


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

```
.border{ border-color:rgb(218, 222, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 222, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 222, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 222,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1776, 72.8051, 84.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 222, 229) }
```

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

```
.background{ background-color: rgb(218,  
222, 229) }
```

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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