

Converting Colors

XYZ(69.2233, 73.0572, 81.2588)

Have a look what the booklet for
XYZ(69.2233, 73.0572, 81.2588)
contains.

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Color

**XYZ(69.0910, 72.8400,
80.9391)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDEE0
RGB	220, 222, 224
RGB Percent	86%, 87%, 88%
CMY	0.1372, 0.1294, 0.1216
CMYK	0.02, 0.01, 0.00, 0.12
HSL	210°, 6%, 87%
HSV	210°, 2%, 88%
XYZ	69.0910, 72.8400, 80.9391
YIQ	221.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

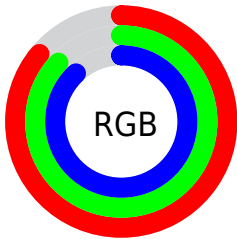
Format	Color
R _Y B	220, 221, 224
Decimal	14474976
CIE Lab	88.37, -0.31, -1.22
CIE LCh	88, 1.261, 255.953
Yxy	72.8400, 0.3100, 0.3268
Android (android.graphics.Color)	4292665056 (0xFFDCDEE0)
YUV	221.6300, 1.1684, -1.4295
Hunter-Lab	85.3464, -4.8538, 3.5142

Details

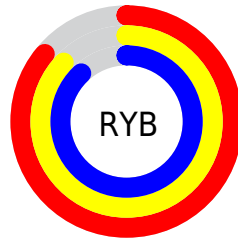
The XYZ color **69.0910, 72.8400, 80.9391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7801, 73.2563, 78.1732**, and the grayscale version is **69.1649, 72.7669, 79.2431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4972, 38.5013, 43.0440** is the 20% darker color. If you saturate the color by 10%, you get **59.8896, 63.8357, 79.6872**, and if you desaturate by 10%, it is **79.4019, 82.7126, 82.3024**.

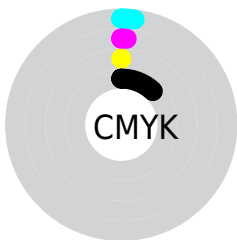
Distribution



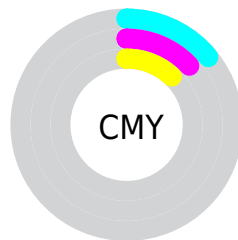
- Red (86%)
- Green (87%)
- Blue (88%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0910, 72.8400, 80.9391 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 69.0910, 72.8400, 80.9391 by changing the saturation by 10% instead.

■ 69.0910, 72.8400,
80.9391

■ 69.0910, 72.8400,
80.9391

446.6682,
470.4601, 517.8820

■ 51.0627, 53.8451,
59.9607

116.9449,
123.2500, 136.5086

■ 36.4798, 38.4779,
42.9619

147.5012,
155.4340, 171.9367

■ 24.9768, 26.3538,
29.5240

182.9643,
192.7832, 213.0186

■ 16.1884, 17.0885,
19.2286

223.6995,
235.6819, 260.1727

■ 9.7493, 10.2976,
11.6571

270.0721,
284.5145, 313.8175

■ 5.2940, 5.5967,
6.3910

322.4475,

■ 2.4573, 2.6015,

339.6655, 374.3717

3.0116

381.1911,
401.5192, 442.2537

■ 0.8738, 0.9274,
1.1006

■ 0.0000, 0.0000,
0.0000

■ 69.0910, 72.8400,
80.9391

■ 69.0910, 72.8400,
80.9391

■ 59.8896, 63.8357,
79.6872

■ 79.4019, 82.7126,
82.3024

■ 51.7517, 55.6643,
78.5388

■ 87.1550, 91.5624,
83.6019

■ 44.6373, 48.3014,
77.4926

■ 90.4548, 98.1619,
84.7018

■ 38.5014, 41.7178,
76.5453

■ 33.2952, 35.8822,
75.6933

■ 28.9655, 30.7607,
74.9329

■ 25.4530, 26.3163,
74.2602

■ 22.6902, 22.5071,
73.6706

■ 20.5969, 19.2846,
73.1589

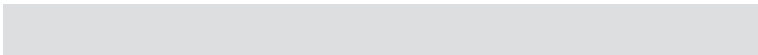
Harmonies

Analogous

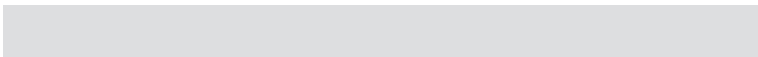
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.8282, 72.8400, 80.5150



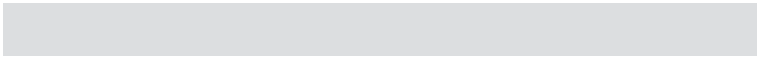
69.0910, 72.8400, 80.9391



69.3924, 72.8400, 80.9246

Triad

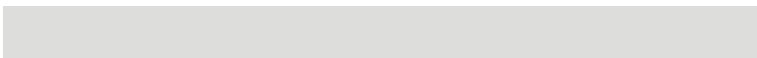
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0910, 72.8400, 80.9391



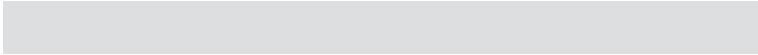
69.7936, 72.8400, 78.8529



68.8146, 72.8400, 78.1566

Complementary

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



69.0910, 72.8400, 80.9391



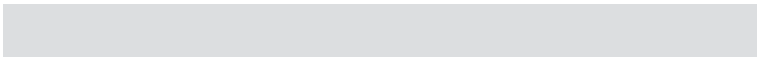
69.7801, 73.2563, 78.1732

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.



69.0723, 72.8400, 77.7178



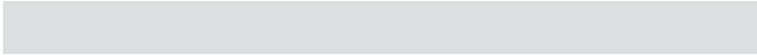
69.0910, 72.8400, 80.9391



69.6378, 72.8400, 78.1178

Square

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



69.0910, 72.8400, 80.9391



69.7986, 72.8400, 79.7158



69.3737, 72.8400, 77.7037



68.6689, 72.8400, 78.9063

Rectangle

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



69.0910, 72.8400, 80.9391



69.5747, 72.8400, 80.6680



69.3737, 72.8400, 77.7037



68.8909, 72.8400, 77.9681

Sweetspot

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



69.0931, 72.8431, 80.9407



93.7134, 98.7103, 108.7215



69.3478, 73.7985, 79.6510



20.0726, 21.1417, 23.2728



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

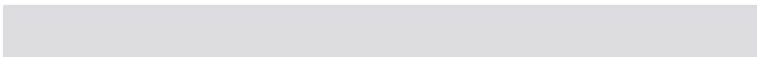
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0931, 72.8431, 80.9407



92.3919, 97.4323, 108.5445



68.5815, 71.8199, 80.7702



15.0539, 15.8729, 17.6580



11.3326, 10.1348, 42.4073



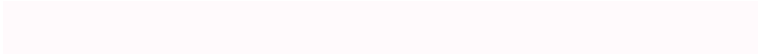
0.8751, 0.8816, 2.9693

Inverse Universe

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



69.5201, 72.3089, 79.4038



93.0374, 96.6262, 106.2209



70.2976, 74.2913, 78.3457



15.1524, 15.7497, 17.3034



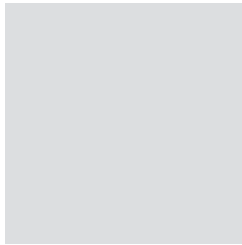
19.6604, 9.9312, 10.1433



1.4079, 0.7065, 0.9411

Previews

White Background



This preview shows how the XYZ color 69.0910, 72.8400, 80.9391 looks on a white background.

Color Contrast Check

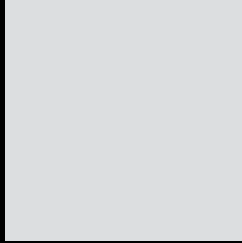
Large Text (above 18pt) WCAG AA × Fail

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 69.0910, 72.8400, 80.9391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

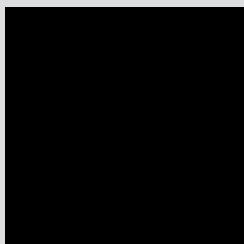
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

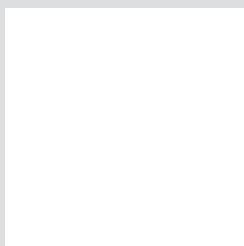
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0910, 72.8400, 80.9391

Background



This preview shows how black text looks on a background with the XYZ color 69.0910, 72.8400, 80.9391.



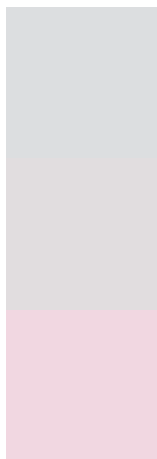
This preview shows how white text looks on a background with the XYZ color 69.0910, 72.8400, 80.9391.

80.9391.

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

69.0910, 72.8400, 80.9391

Protanopia

70.2271, 73.0482, 80.2104

Deuteranopia

74.1667, 72.7379, 81.3650



Tritanopia

71.0035, 72.8304, 90.4362

Trichromacy



Original Color

69.0910, 72.8400, 80.9391

Protanomaly

69.6072, 72.7286, 80.1814

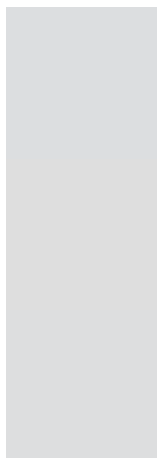
Deuteranomaly

72.2663, 72.9027, 81.4969

Tritanomaly

70.2407, 72.9113, 86.7151

Monochromacy



Original Color

69.0910, 72.8400, 80.9391

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.2594, 72.9424, 80.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0910, 72.8400, 80.9391 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(220, 222, 224) looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 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(220, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.0910, 72.8400, 80.9391 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(220, 222, 224) }
```


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

```
.border{ border-color:rgb(220, 222, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 222, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0910, 72.8400, 80.9391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 222, 224) }
```

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

```
.background{ background-color: rgb(220,  
222, 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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