

Converting Colors

XYZ(67.7137, 72.0793, 81.5789)

Have a look what the booklet for
XYZ(67.7137, 72.0793, 81.5789)
contains.

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Color

**XYZ(67.7362, 72.1259,
81.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DEE1
RGB	215, 222, 225
RGB Percent	84%, 87%, 88%
CMY	0.1569, 0.1294, 0.1176
CMYK	0.04, 0.01, 0.00, 0.12
HSL	198°, 14%, 86%
HSV	198°, 4%, 88%
XYZ	67.7362, 72.1259, 81.5858
YIQ	220.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

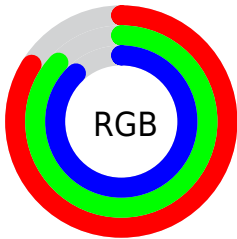
Format	Color
R _Y B	215, 219, 225
Decimal	14147297
CIE Lab	88.03, -1.79, -2.29
CIE LCh	88, 2.910, 232.058
Yxy	72.1259, 0.3059, 0.3257
Android (android.graphics.Color)	4292337377 (0xFFD7DEE1)
YUV	220.2490, 2.3422, -4.6034
Hunter-Lab	84.9270, -6.2539, 2.4914

Details

The XYZ color **67.7362, 72.1259, 81.5858** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3886, 71.0559, 74.4017**, and the grayscale version is **68.1898, 71.7410, 78.1260**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5716, 38.0133, 43.4927** is the 20% darker color. If you saturate the color by 10%, you get **59.8238, 65.4435, 80.7141**, and if you desaturate by 10%, it is **76.6330, 79.4260, 82.5271**.

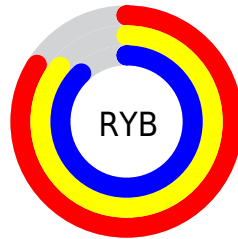
Distribution



Red (84%)

Green (87%)

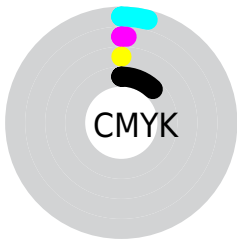
Blue (88%)



Red (84%)

Yellow (86%)

Blue (88%)

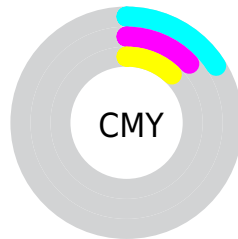


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (13%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7362, 72.1259, 81.5858 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 67.7362, 72.1259, 81.5858 by changing the saturation by 10% instead.

■ 67.7362, 72.1259,
81.5858

■ 67.7362, 72.1259,
81.5858

441.9522,
467.9797, 520.1082

■ 49.9560, 53.2615,
60.4904

115.0187,
122.2355, 137.4245

■ 35.5961, 38.0116,
43.3861

145.2517,
154.2495, 173.0048

■ 24.2911, 25.9917,
29.8545

180.3664,
191.4156, 214.2504

■ 15.6756, 16.8174,
19.4771

220.7281,
234.1180, 261.5800

■ 9.3843, 10.1044,
11.8352

266.7021,
282.7413, 315.4120

■ 5.0518, 5.4682,
6.5104

318.6540,

■ 2.3127, 2.5245,

337.6697, 376.1650

3.0841

376.9488,
399.2877, 444.2576

■ 0.8012, 0.8889,
1.1377

■ 0.0000, 0.0000,
0.0000

■ 67.7362, 72.1259,
81.5858

■ 67.7362, 72.1259,
81.5858

■ 59.8238, 65.4435,
80.7141

■ 76.6330, 79.4260,
82.5271

■ 52.8519, 59.3491,
79.9052

■ 84.6793, 86.3932,
83.4478

■ 46.7824, 53.8237,
79.1586

■ 86.6516, 90.3379,
84.1052

■ 41.5721, 48.8437,
78.4720

■ 88.6979, 94.4305,
84.7873

■ 37.1739, 44.3837,
77.8429

■ 90.5908, 98.2163,
85.4183

■ 33.5360, 40.4156,
77.2688

■ 30.6004, 36.9082,
76.7465

■ 28.2998, 33.8253,
76.2727

■ 26.5521, 31.1232,
75.8432

Harmonies

Analogous

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



67.3240, 72.1259, 79.9770



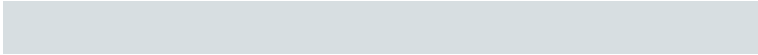
67.7362, 72.1259, 81.5858



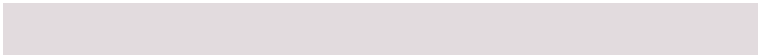
68.3693, 72.1259, 82.3794

Triad

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



67.7362, 72.1259, 81.5858



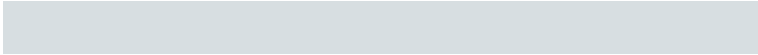
69.8838, 72.1259, 79.0621



68.0535, 72.1259, 75.0435

Complementary

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



67.7362, 72.1259, 81.5858



68.3886, 71.0559, 74.4017

Split Complementary

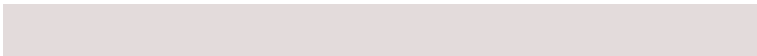
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.7381, 72.1259, 74.8079



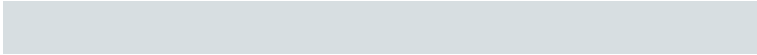
67.7362, 72.1259, 81.5858



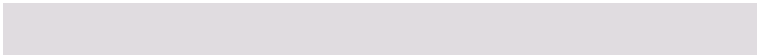
69.7978, 72.1259, 77.1062

Square

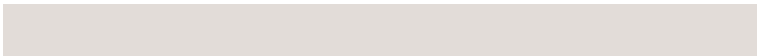
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7362, 72.1259, 81.5858



69.6114, 72.1259, 80.9064



69.3774, 72.1259, 75.5570



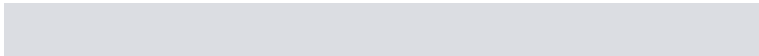
67.5064, 72.1259, 76.2061

Rectangle

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



67.7362, 72.1259, 81.5858



68.8327, 72.1259, 82.3302



69.3774, 72.1259, 75.5570



68.2751, 72.1259, 74.8541

Sweetspot

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



67.7383, 72.1290, 81.5874



93.8748, 99.0330, 108.7753



67.5837, 73.3519, 76.8127



20.1055, 21.2074, 23.2837



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.



67.7383, 72.1290, 81.5874



89.3072, 95.2482, 108.2855



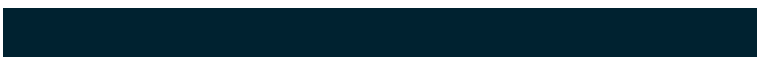
66.4718, 69.5961, 81.1652



14.4123, 15.3974, 17.6001



14.9430, 17.3556, 43.6108



1.1129, 1.3574, 3.0486

Inverse Universe

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



68.5382, 69.8837, 78.9875



90.5075, 91.8896, 104.3816



69.6613, 73.6013, 74.8259



14.6314, 14.7864, 16.8870



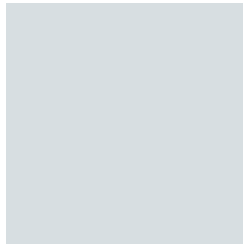
21.4828, 10.6601, 19.7398



1.5280, 0.7545, 1.5734

Previews

White Background



This preview shows how the XYZ color 67.7362, 72.1259, 81.5858 looks on a white background.

Color Contrast Check

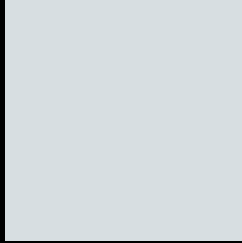
Large Text (above 18pt) WCAG AA × Fail

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 67.7362, 72.1259, 81.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

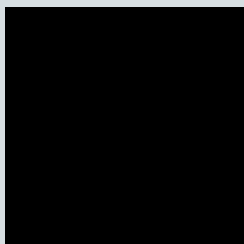
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

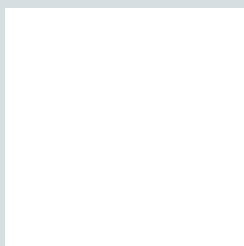
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7362, 72.1259, 81.5858

Background



This preview shows how black text looks on a background with the XYZ color 67.7362, 72.1259, 81.5858.

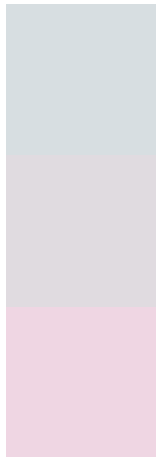


This preview shows how white text looks on a background with the XYZ color 67.7362, 72.1259,

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

67.7362, 72.1259, 81.5858

Protanopia

69.5265, 71.8921, 80.7331

Deuteranopia

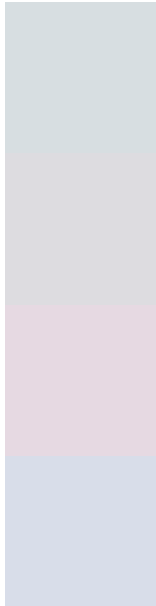
73.5083, 71.9899, 82.6942



Tritanopia

69.4945, 72.0525, 90.3655

Trichromacy



Original Color

67.7362, 72.1259, 81.5858

Protanomaly

68.8665, 71.9404, 80.7772

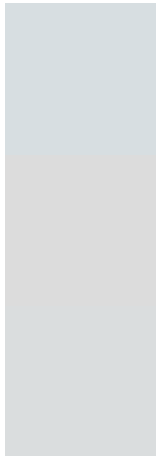
Deuteranomaly

71.1734, 71.9397, 82.0860

Tritanomaly

68.8833, 72.1950, 87.3953

Monochromacy



Original Color

67.7362, 72.1259, 81.5858

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9547, 71.8923, 79.4022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7362, 72.1259, 81.5858 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(215, 222, 225) looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 225) }
```

Border

The CSS property to change the border of an element to XYZ 67.7362, 72.1259, 81.5858 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(215, 222, 225) }
```


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

```
.border{ border-color:rgb(215, 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(215, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 225);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7362, 72.1259, 81.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 225) }
```

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

```
.background{ background-color: rgb(215,  
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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