

Converting Colors

XYZ(67.2008, 72.3386, 77.4422)

Have a look what the booklet for
XYZ(67.2008, 72.3386, 77.4422)
contains.

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Color

**XYZ(67.1982, 72.3369,
77.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DFDB
RGB	215, 223, 219
RGB Percent	84%, 87%, 86%
CMY	0.1569, 0.1255, 0.1412
CMYK	0.04, 0.00, 0.02, 0.13
HSL	150°, 11%, 86%
HSV	150°, 4%, 87%
XYZ	67.1982, 72.3369, 77.4385
YIQ	220.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

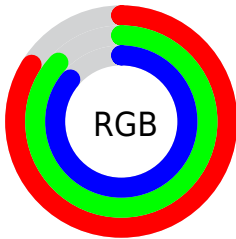
Format	Color
R _Y B	215, 220, 223
Decimal	14147547
CIE Lab	88.13, -3.41, 1.01
CIE LCh	88, 3.558, 163.481
Yxy	72.3369, 0.3097, 0.3334
Android (android.graphics.Color)	4292337627 (0xFFD7DFDB)
YUV	220.1520, -0.5679, -4.5183
Hunter-Lab	85.0511, -7.8080, 5.5526

Details

The XYZ color **67.1982, 72.3369, 77.4385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5207, 69.4052, 76.8593**, and the grayscale version is **68.1409, 71.6896, 78.0699**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2007, 38.1592, 40.6321** is the 20% darker color. If you saturate the color by 10%, you get **59.6715, 68.6228, 69.6758**, and if you desaturate by 10%, it is **75.7201, 76.5567, 85.7645**.

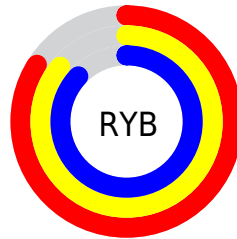
Distribution



Red (84%)

Green (87%)

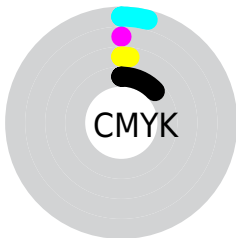
Blue (86%)



Red (84%)

Yellow (86%)

Blue (87%)

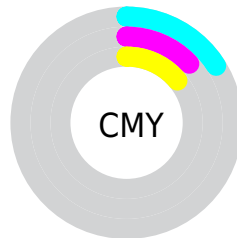


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (16%)

Magenta (13%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1982, 72.3369, 77.4385 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 67.1982, 72.3369, 77.4385 by changing the saturation by 10% instead.

■ 67.1982, 72.3369,
77.4385

■ 67.1982, 72.3369,
77.4385

440.0713,
468.7134, 505.7351

■ 49.5170, 53.4339,
57.0991

114.2526,
122.5354, 131.5369

■ 35.2460, 38.1493,
40.6749

144.3565,
154.5997, 166.1331

■ 24.0198, 26.0986,
27.7474

179.3320,
191.8199, 206.3186

■ 15.4732, 16.8974,
17.8979

219.5445,
234.5804, 252.5120

■ 9.2406, 10.1614,
10.7081

265.3594,
283.2656, 305.1318

■ 4.9568, 5.5061,
5.7592

317.1419,

■ 2.2564, 2.5471,

338.2599, 364.5965

2.6328

375.2574,
399.9477, 431.3248

■ 0.7722, 0.9002,
0.9093

■ 0.0000, 0.0000,
0.0000

■ 67.1982, 72.3369,
77.4385

■ 67.1982, 72.3369,
77.4385

■ 59.6715, 68.6228,
69.6758

■ 75.7201, 76.5567,
85.7645

■ 53.0960, 65.3859,
62.4601

■ 83.5529, 80.4077,
94.5804

■ 47.4335, 62.6088,
55.7805

■ 85.2740, 81.0961,
103.6432

■ 42.6408, 60.2694,
49.6247

■ 85.6791, 81.2581,
105.7764

■ 38.6710, 58.3437,
43.9793

■ 35.4726, 56.8055,
38.8305

■ 32.9880, 55.6253,
34.1639

■ 31.1507, 54.7693,
29.9639

■ 29.8808, 54.1963,
26.2141

Harmonies

Analogous

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



67.6350, 72.3369, 75.4131



67.1982, 72.3369, 77.4385



67.1761, 72.3369, 79.8594

Triad

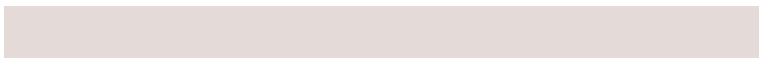
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.1982, 72.3369, 77.4385



69.1360, 72.3369, 83.4051



69.9474, 72.3369, 75.5838

Complementary

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



67.1982, 72.3369, 77.4385



67.5207, 69.4052, 76.8593

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.



70.3565, 72.3369, 77.6759



67.1982, 72.3369, 77.4385



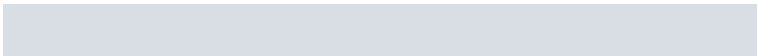
69.8854, 72.3369, 82.2098

Square

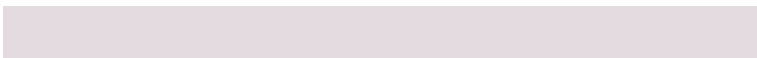
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



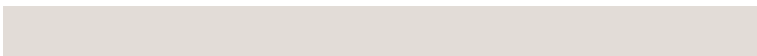
67.1982, 72.3369, 77.4385



68.2902, 72.3369, 83.3383



70.3337, 72.3369, 80.1017



69.2201, 72.3369, 74.3575

Rectangle

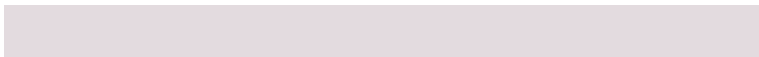
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1982, 72.3369, 77.4385



67.3992, 72.3369, 81.3745



70.3337, 72.3369, 80.1017



70.1270, 72.3369, 76.2072

Sweetspot

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



67.2002, 72.3400, 77.4401



93.9133, 99.4377, 107.7783



67.9096, 72.7658, 74.7570



20.1133, 21.2897, 23.0809



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.



67.2002, 72.3400, 77.4401



90.5857, 97.7922, 104.4598



67.7159, 72.5462, 80.1553



14.6121, 15.8456, 16.8677



17.2743, 31.7346, 14.4333



1.2426, 2.2177, 1.2384

Inverse Universe

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



67.5207, 69.4052, 76.8593



91.0719, 93.3399, 103.5786



67.0170, 69.2037, 74.2064



14.7043, 15.0007, 16.7005



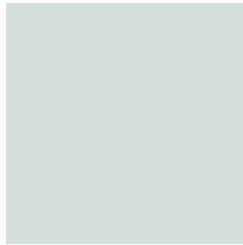
19.6553, 9.9291, 10.1164



1.4076, 0.7063, 0.9392

Previews

White Background



This preview shows how the XYZ color 67.1982, 72.3369, 77.4385 looks on a white background.

Color Contrast Check

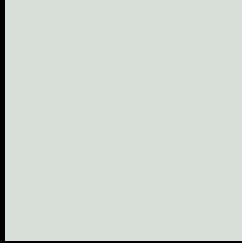
Large Text (above 18pt) WCAG AA × Fail

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 67.1982, 72.3369, 77.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

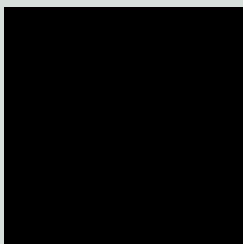
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

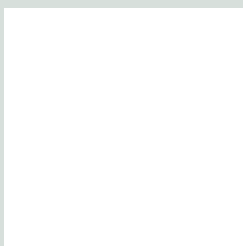
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1982, 72.3369, 77.4385

Background



This preview shows how black text looks on a background with the XYZ color 67.1982, 72.3369, 77.4385.

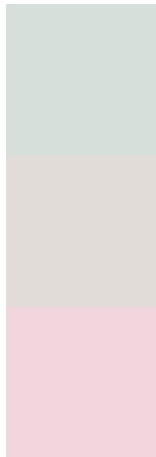


This preview shows how white text looks on a background with the XYZ color 67.1982, 72.3369, 77.4385.

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

67.1982, 72.3369, 77.4385

Protanopia

69.4816, 72.3649, 75.9514

Deuteranopia

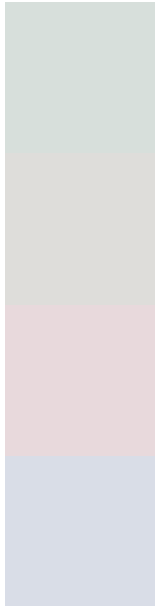
73.7157, 72.1908, 78.4556



Tritanopia

69.9393, 72.2649, 91.1512

Trichromacy



Original Color

67.1982, 72.3369, 77.4385

Protanomaly

68.6355, 72.3045, 76.6683

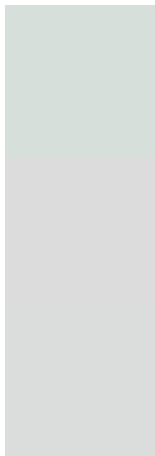
Deuteranomaly

71.0098, 71.9488, 77.8550

Tritanomaly

68.8955, 72.2341, 85.9127

Monochromacy



Original Color

67.1982, 72.3369, 77.4385

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6882, 71.7856, 77.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1982, 72.3369, 77.4385 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, 223, 219) looks like.

```
.text, #text, p{  
    color:rgb(215, 223, 219)  
}
```

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, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 67.1982, 72.3369, 77.4385 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, 223, 219) }
```


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

```
.border{ border-color:rgb(215, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(215, 223,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1982, 72.3369, 77.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 223, 219) }
```

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

```
.background{ background-color: rgb(215,  
223, 219) }
```

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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