

Converting Colors

XYZ(67.2959, 74.0068, 77.2281)

Have a look what the booklet for
XYZ(67.2959, 74.0068, 77.2281)
contains.

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Color

**XYZ(67.2754, 73.9972,
77.0668)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E3DA
RGB	212, 227, 218
RGB Percent	83%, 89%, 85%
CMY	0.1686, 0.1098, 0.1451
CMYK	0.07, 0.00, 0.04, 0.11
HSL	144°, 21%, 86%
HSV	144°, 7%, 89%
XYZ	67.2754, 73.9972, 77.0668
YIQ	221.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

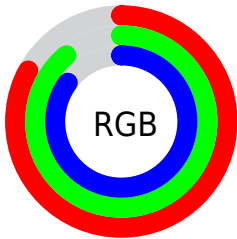
Format	Color
R _Y B	212, 223, 227
Decimal	13951962
CIE Lab	88.92, -6.65, 2.66
CIE LCh	89, 7.162, 158.188
Yxy	73.9972, 0.3081, 0.3389
Android (android.graphics.Color)	4292142042 (0xFFD4E3DA)
YUV	221.4890, -1.7201, -8.3219
Hunter-Lab	86.0216, -10.9374, 7.0972

Details

The XYZ color **67.2754, 73.9972, 77.0668** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2759, 68.6403, 78.0606**, and the grayscale version is **69.0875, 72.6854, 79.1544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2680, 39.3175, 40.3805** is the 20% darker color. If you saturate the color by 10%, you get **59.4762, 70.1762, 67.7762**, and if you desaturate by 10%, it is **76.1453, 78.3574, 87.1755**.

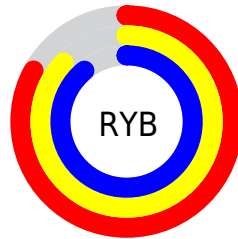
Distribution



Red (83%)

Green (89%)

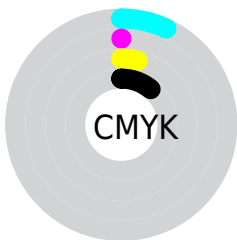
Blue (85%)



Red (83%)

Yellow (87%)

Blue (89%)

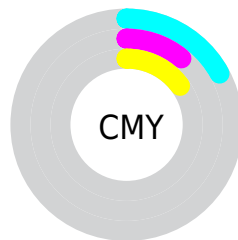


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (17%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2754, 73.9972, 77.0668 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 67.2754, 73.9972, 77.0668 by changing the saturation by 10% instead.

67.2754, 73.9972,
77.0668

67.2754, 73.9972,
77.0668

440.3415,
474.4637, 504.4355

49.5800, 54.7917,
56.7958

114.3626,
124.8918, 131.0076

35.2962, 39.2350,
40.4331

144.4850,
157.3498, 165.5146

24.0587, 26.9426,
27.5600

179.4805,
194.9941, 205.6039

15.5022, 17.5301,
17.7581

219.7145,
238.2090, 251.6942

9.2612, 10.6132,
10.6088

265.5522,
287.3791, 304.2039

4.9704, 5.8074,
5.6936

317.3590,

2.2645, 2.7283,

342.8886, 363.5517

2.5939

375.5004,
405.1220, 430.1560

■ 0.7764, 0.9916,
0.8893

■ 0.0000, 0.0000,
0.0000

■ 67.2754, 73.9972,
77.0668

■ 67.2754, 73.9972,
77.0668

■ 59.4762, 70.1762,
67.7762

■ 76.1453, 78.3574,
87.1755

■ 52.6998, 66.8640,
59.2785

■ 85.2296, 82.8087,
98.0752

■ 46.9039, 64.0410,
51.5543

■ 86.7605, 83.4210,
106.1368

■ 42.0405, 61.6831,
44.5816

■ 38.0577, 59.7640,
38.3373

■ 34.8980, 58.2545,
32.7972

■ 32.4968, 57.1217,
27.9354

■ 30.7791, 56.3277,
23.7244

■ 29.6506, 55.8242,
20.1344

Harmonies

Analogous

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



68.2865, 73.9972, 73.2806



67.2754, 73.9972, 77.0668



67.0764, 73.9972, 81.9409

Triad

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



67.2754, 73.9972, 77.0668



70.8091, 73.9972, 90.4181



72.9912, 73.9972, 74.7979

Complementary

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



67.2754, 73.9972, 77.0668



68.2759, 68.6403, 78.0606

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.



73.6915, 73.9972, 79.2152



67.2754, 73.9972, 77.0668



72.4181, 73.9972, 88.3282

Square

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



67.2754, 73.9972, 77.0668



69.0979, 73.9972, 89.7851



73.4801, 73.9972, 84.1786



71.5810, 73.9972, 72.0087

Rectangle

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



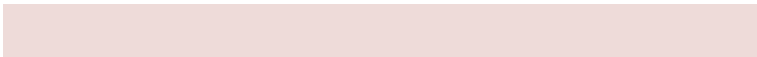
67.2754, 73.9972, 77.0668



67.4280, 73.9972, 85.1756



73.4801, 73.9972, 84.1786



73.3185, 73.9972, 76.1342

Sweetspot

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



67.2775, 74.0004, 77.0684



92.7096, 98.8500, 106.2389



69.2505, 75.1066, 73.1356



19.8682, 21.1700, 22.7675



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.



67.2775, 74.0004, 77.0684



86.0302, 95.5706, 98.5153



68.2478, 74.3885, 82.1779



14.4269, 16.1842, 16.5129



17.1697, 32.5000, 11.3942



1.3136, 2.4196, 1.0782

Inverse Universe

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



68.2759, 68.6403, 78.0606



87.5980, 87.1535, 100.0732



67.3300, 68.2619, 73.0797



14.7383, 14.5125, 16.8223



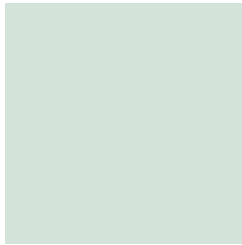
21.1350, 10.5882, 14.8719



1.6074, 0.8007, 1.3390

Previews

White Background



This preview shows how the XYZ color 67.2754, 73.9972, 77.0668 looks on a white background.

Color Contrast Check

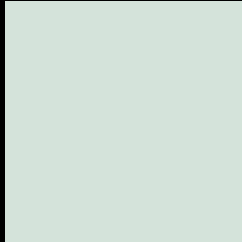
Large Text (above 18pt) WCAG AA × Fail

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 67.2754, 73.9972, 77.0668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

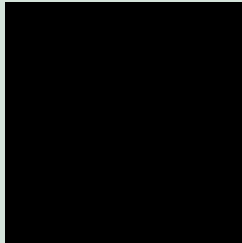
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

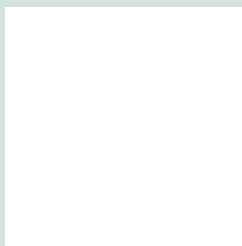
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2754, 73.9972, 77.0668

Background



This preview shows how black text looks on a background with the XYZ color 67.2754, 73.9972, 77.0668.

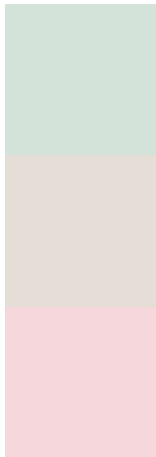


This preview shows how white text looks on a background with the XYZ color 67.2754, 73.9972,

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

67.2754, 73.9972, 77.0668

Protanopia

70.7001, 73.8069, 74.8098

Deuteranopia

75.4802, 73.8719, 77.9906



Tritanopia

70.5838, 73.7252, 93.7293

Trichromacy



Original Color

67.2754, 73.9972, 77.0668

Protanomaly

69.4817, 73.9572, 75.5788

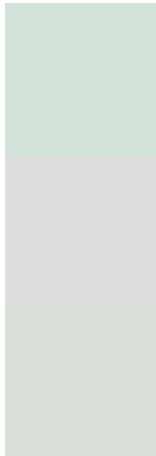
Deuteranomaly

72.3111, 73.7933, 77.4502

Tritanomaly

69.3880, 73.6416, 87.6479

Monochromacy



Original Color

67.2754, 73.9972, 77.0668

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2194, 72.8481, 78.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2754, 73.9972, 77.0668 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(212, 227, 218) looks like.

```
.text, #text, p{  
    color:rgb(212, 227, 218)  
}
```

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(212, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 227, 218) }
```

Border

The CSS property to change the border of an element to XYZ 67.2754, 73.9972, 77.0668 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(212, 227, 218) }
```


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

```
.border{ border-color:rgb(212, 227, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 227, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 227, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 227, 218); box-shadow:4px 4px 4px 4px rgb(212, 227, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2754, 73.9972, 77.0668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 227, 218) }
```

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

```
.background{ background-color: rgb(212,  
227, 218) }
```

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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