

Converting Colors

XYZ(67.4447, 72.9083, 83.1921)

Have a look what the booklet for
XYZ(67.4447, 72.9083, 83.1921)
contains.

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Color

**XYZ(67.3848, 72.7062,
83.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E0E3
RGB	211, 224, 227
RGB Percent	83%, 88%, 89%
CMY	0.1725, 0.1215, 0.1098
CMYK	0.07, 0.01, 0.00, 0.11
HSL	191°, 22%, 86%
HSV	191°, 7%, 89%
XYZ	67.3848, 72.7062, 83.1552
YIQ	220.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

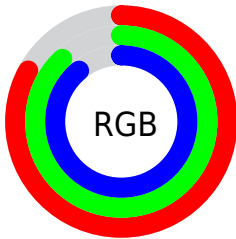
Format	Color
R _Y B	211, 218, 227
Decimal	13885667
CIE Lab	88.31, -3.76, -2.97
CIE LCh	88, 4.795, 218.312
Yxy	72.7062, 0.3018, 0.3257
Android (android.graphics.Color)	4292075747 (0xFFD3E0E3)
YUV	220.4550, 3.2267, -8.2920
Hunter-Lab	85.2679, -8.1554, 1.8666

Details

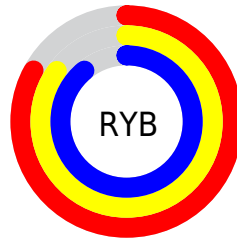
The XYZ color **67.3848, 72.7062, 83.1552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4834, 69.1269, 71.4155**, and the grayscale version is **68.3296, 71.8881, 78.2861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3447, 38.4224, 44.5831** is the 20% darker color. If you saturate the color by 10%, you get **60.2073, 67.3328, 82.4975**, and if you desaturate by 10%, it is **75.5134, 78.6163, 83.8687**.

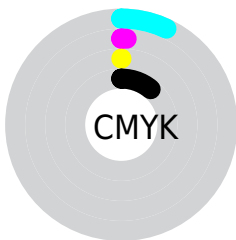
Distribution



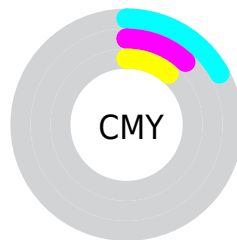
- Red (83%)
- Green (88%)
- Blue (89%)



- Red (83%)
- Yellow (85%)
- Blue (89%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3848, 72.7062, 83.1552 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 67.3848, 72.7062, 83.1552 by changing the saturation by 10% instead.

■ 67.3848, 72.7062,
83.1552

■ 67.3848, 72.7062,
83.1552

440.7242,
469.9959, 525.4882

■ 49.6693, 53.7358,
61.7768

114.5184,
123.0600, 139.6440

■ 35.3674, 38.3904,
44.4178

144.6671,
155.2122, 175.5915

■ 24.1139, 26.2859,
30.6595

179.6910,
192.5271, 217.2325

■ 15.5433, 17.0376,
20.0834

219.9553,
235.3891, 264.9854

■ 9.2904, 10.2613,
12.2710

265.8254,
284.1826, 319.2689

■ 4.9897, 5.5726,
6.8037

317.6667,

■ 2.2759, 2.5870,

339.2919, 380.5015

3.2631

375.8445,
401.1016, 449.1018

■ 0.7823, 0.9201,
1.2305

■ 0.0000, 0.0000,
0.0038

■ 67.3848, 72.7062,
83.1552

■ 67.3848, 72.7062,
83.1552

■ 60.2073, 67.3328,
82.4975

■ 75.5134, 78.6163,
83.8687

■ 53.9362, 62.4668,
81.8887

■ 84.1053, 84.8060,
84.6105

■ 48.5324, 58.0897,
81.3287

■ 85.3201, 87.2356,
85.0155

■ 43.9514, 54.1783,
80.8152

■ 86.5641, 89.7237,
85.4302

■ 40.1448, 50.7073,
80.3458

■ 87.8375, 92.2705,
85.8546

■ 37.0588, 47.6487,
79.9181

■ 89.1405, 94.8764,
86.2890

■ 34.6326, 44.9707,
79.5291

■ 90.4732, 97.5419,
86.7332

■ 32.7950, 42.6363,
79.1753

■ 90.8653, 98.3261,
86.8639

■ 31.4533, 40.5975,
78.8525

Harmonies

Analogous

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



66.9404, 72.7062, 80.0835



67.3848, 72.7062, 83.1552



68.2912, 72.7062, 85.1951

Triad

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



67.3848, 72.7062, 83.1552



71.1798, 72.7062, 81.5277



68.7860, 72.7062, 73.0633

Complementary

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



67.3848, 72.7062, 83.1552



67.4834, 69.1269, 71.4155

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.



69.9253, 72.7062, 73.4258



67.3848, 72.7062, 83.1552



71.3158, 72.7062, 78.2529

Square

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



67.3848, 72.7062, 83.1552



70.4847, 72.7062, 84.2375



70.8544, 72.7062, 75.3039



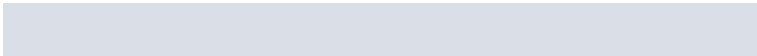
67.7435, 72.7062, 74.2997

Rectangle

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



67.3848, 72.7062, 83.1552



69.0399, 72.7062, 85.6638



70.8544, 72.7062, 75.3039



69.1702, 72.7062, 73.0029

Sweetspot

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



67.3869, 72.7093, 83.1568



92.8945, 98.4376, 108.7120



66.4634, 73.6400, 74.2860



19.9059, 21.0861, 23.2708



0.0000, 0.0000, 0.0000



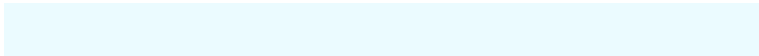
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3869, 72.7093, 83.1568



86.7322, 93.9205, 108.1649



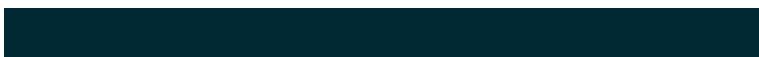
65.3034, 68.5422, 82.4623



14.5659, 15.8533, 18.4366



18.2219, 23.5058, 45.9599



1.4061, 1.8560, 3.4161

Inverse Universe

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



68.4290, 68.3028, 80.1016



88.2748, 87.4242, 103.6369



69.5412, 73.2425, 72.1014



14.8732, 14.5665, 17.5329



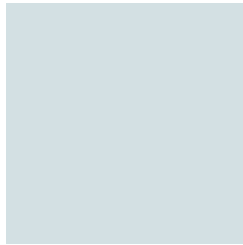
23.5911, 11.5706, 27.8052



1.7733, 0.8670, 2.2129

Previews

White Background



This preview shows how the XYZ color 67.3848, 72.7062, 83.1552 looks on a white background.

Color Contrast Check

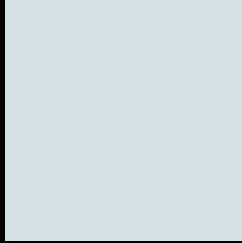
Large Text (above 18pt) WCAG AA × Fail

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 67.3848, 72.7062, 83.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

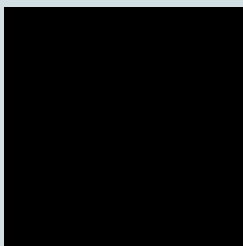
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

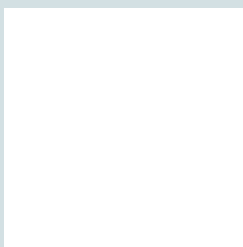
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3848, 72.7062, 83.1552

Background



This preview shows how black text looks on a background with the XYZ color 67.3848, 72.7062, 83.1552.

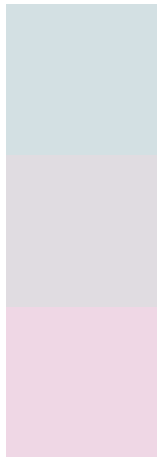


This preview shows how white text looks on a background with the XYZ color 67.3848, 72.7062,

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

67.3848, 72.7062, 83.1552

Protanopia

69.9243, 72.4699, 81.5369

Deuteranopia

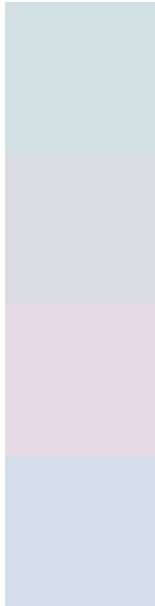
74.0399, 72.6087, 84.2413



Tritanopia

69.2900, 72.6800, 92.8147

Trichromacy



Original Color

67.3848, 72.7062, 83.1552

Protanomaly

68.7973, 72.2640, 82.2738

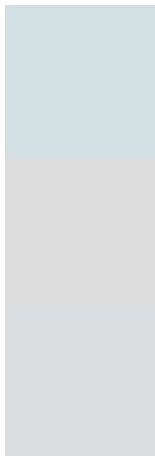
Deuteranomaly

71.3881, 72.4023, 83.6113

Tritanomaly

68.5344, 72.7706, 89.0312

Monochromacy



Original Color

67.3848, 72.7062, 83.1552

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7910, 71.7923, 80.0964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3848, 72.7062, 83.1552 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(211, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 227)  
}
```

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(211, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.3848, 72.7062, 83.1552 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(211, 224, 227) }
```


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

```
.border{ border-color:rgb(211, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3848, 72.7062, 83.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 227) }
```

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

```
.background{ background-color: rgb(211,  
224, 227) }
```

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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