

Converting Colors

XYZ(66.7416, 70.8079, 71.0860)

Have a look what the booklet for
XYZ(66.7416, 70.8079, 71.0860)
contains.

XYZ(66.7832, 70.6883, 71.0971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.7832, 70.6883,
71.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDBD2
RGB	221, 219, 210
RGB Percent	87%, 86%, 82%
CMY	0.1333, 0.1412, 0.1765
CMYK	0.00, 0.01, 0.05, 0.13
HSL	49°, 14%, 85%
HSV	49°, 5%, 87%
XYZ	66.7832, 70.6883, 71.0971
YIQ	218.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

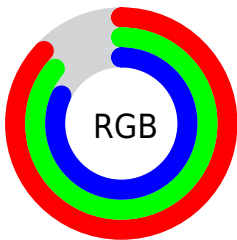
Format	Color
R _Y B	212, 221, 210
Decimal	14539730
CIE Lab	87.33, -0.89, 4.65
CIE LCh	87, 4.735, 100.887
Yxy	70.6883, 0.3202, 0.3389
Android (android.graphics.Color)	4292729810 (0xFFDDDBD2)
YUV	218.5720, -4.2260, 2.1294
Hunter-Lab	84.0763, -5.3481, 8.7163

Details

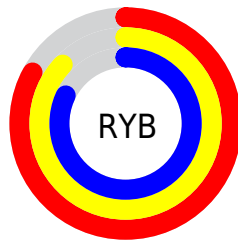
The XYZ color **66.7832, 70.6883, 71.0971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1730, 66.0082, 77.8189**, and the grayscale version is **67.0635, 70.5561, 76.8356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0021, 37.0582, 36.7606** is the 20% darker color. If you saturate the color by 10%, you get **63.1848, 67.5971, 57.2386**, and if you desaturate by 10%, it is **70.7911, 73.9882, 86.9698**.

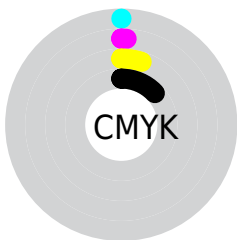
Distribution



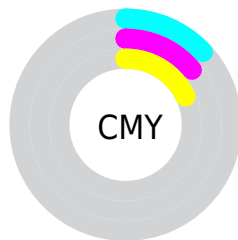
- Red (87%)
- Green (86%)
- Blue (82%)



- Red (83%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7832, 70.6883, 71.0971 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 66.7832, 70.6883, 71.0971 by changing the saturation by 10% instead.

■ 66.7832, 70.6883,
71.0971

■ 66.7832, 70.6883,
71.0971

438.6173,
462.9631, 483.2856

■ 49.1785, 52.0879,
51.9391

113.6612,
120.1898, 122.4677

■ 34.9762, 37.0751,
36.5746

143.6653,
151.8596, 155.5174

■ 23.8110, 25.2657,
24.5851

178.5331,
188.6548, 194.0348

■ 15.3174, 16.2751,
15.5520

218.6302,
230.9595, 238.4384

■ 9.1302, 9.7190,
9.0568

264.3218,
279.1584, 289.1467

■ 4.8840, 5.2131,
4.6809

315.9732,

■ 2.2134, 2.3728,

333.6356, 346.5784

2.0059

373.9500,
394.7757, 411.1518

■ 0.7498, 0.8118,
0.5589

■ 0.0000, 0.0000,
0.0000

■ 66.7832, 70.6883,
71.0971

■ 66.7832, 70.6883,
71.0971

■ 63.1848, 67.5971,
57.2386

■ 70.7911, 73.9882,
86.9698

■ 59.9742, 64.6989,
45.3080

■ 75.2173, 77.4937,
104.9289

■ 57.1368, 61.9896,
35.2197

■ 76.4555, 79.7649,
105.9743

■ 54.6546, 59.4620,
26.8797

■ 77.5912, 82.0363,
106.3528

■ 52.5078, 57.1077,
20.1857

■ 78.7528, 84.3595,
106.7400

■ 50.6750, 54.9179,
15.0249

■ 79.9404, 86.7348,
107.1359

■ 49.1318, 52.8826,
11.2702

■ 81.1543, 89.1625,
107.5405

■ 47.8500, 50.9902,
8.7737

■ 82.3946, 91.6430,
107.9540

■ 46.7951, 49.2265,
7.3550

■ 83.6292, 94.1124,
108.3655

Harmonies

Analogous

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



67.8912, 70.6883, 71.3134



66.7832, 70.6883, 71.0971



65.7942, 70.6883, 72.4207

Triad

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



66.7832, 70.6883, 71.0971



65.5801, 70.6883, 81.0548



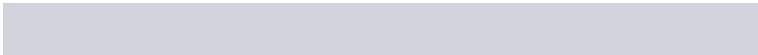
69.2322, 70.6883, 78.9945

Complementary

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



66.7832, 70.6883, 71.0971



63.1730, 66.0082, 77.8189

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.



68.5995, 70.6883, 81.7008



66.7832, 70.6883, 71.0971



66.4879, 70.6883, 82.9129

Square

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



66.7832, 70.6883, 71.0971



65.1048, 70.6883, 78.1325



67.5926, 70.6883, 83.1525



69.3134, 70.6883, 75.8143

Rectangle

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



66.7832, 70.6883, 71.0971



65.3324, 70.6883, 74.0202



67.5926, 70.6883, 83.1525



69.0766, 70.6883, 79.9921

Sweetspot

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



66.7852, 70.6914, 71.0986



94.4947, 99.5419, 106.7029



64.7522, 66.2207, 71.6685



20.2316, 21.3109, 22.8620



0.0000, 0.0000, 0.0000



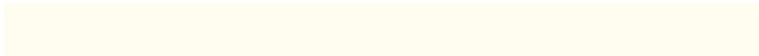
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7852, 70.6914, 71.0986



91.8043, 97.2947, 96.1458



66.2594, 71.1981, 71.2242



14.1737, 15.0308, 14.7180



26.9851, 28.2558, 4.0316



1.8017, 1.9374, 0.2790

Inverse Universe

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



63.1730, 66.0082, 77.8189



85.7776, 89.4811, 107.3584



63.6797, 65.5332, 77.7005



13.1589, 13.7152, 16.6059



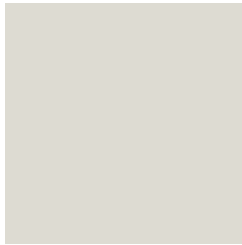
8.0839, 4.0372, 40.0916



0.5816, 0.3773, 2.6166

Previews

White Background



This preview shows how the XYZ color 66.7832, 70.6883, 71.0971 looks on a white background.

Color Contrast Check

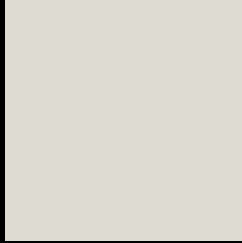
Large Text (above 18pt) WCAG AA × Fail

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 66.7832, 70.6883, 71.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

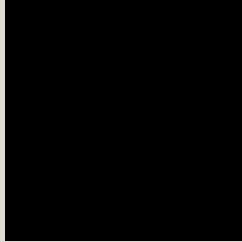
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

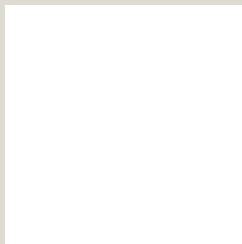
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7832, 70.6883, 71.0971

Background



This preview shows how black text looks on a background with the XYZ color 66.7832, 70.6883, 71.0971.

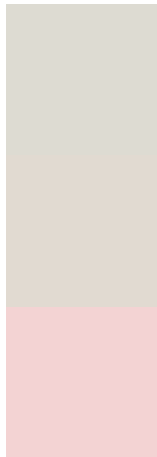


This preview shows how white text looks on a background with the XYZ color 66.7832, 70.6883, 71.0971.

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

66.7832, 70.6883, 71.0971

Protanopia

67.6314, 70.7538, 70.4139

Deuteranopia

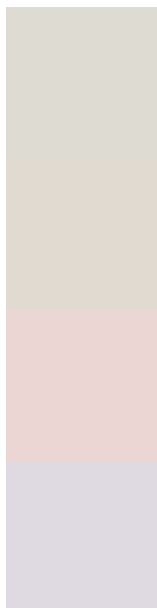
72.0143, 70.3464, 71.4107



Tritanopia

70.0043, 70.8422, 87.0751

Trichromacy



Original Color

66.7832, 70.6883, 71.0971

Protanomaly

67.3205, 70.5936, 70.3993

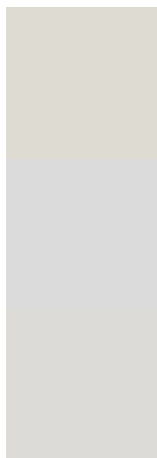
Deuteranomaly

70.0654, 70.4585, 71.5350

Tritanomaly

68.8349, 70.7499, 81.2623

Monochromacy



Original Color

66.7832, 70.6883, 71.0971

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.2414, 70.8365, 75.0946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7832, 70.6883, 71.0971 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(221, 219, 210) looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 210)  
}
```

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(221, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 210) }
```

Border

The CSS property to change the border of an element to XYZ 66.7832, 70.6883, 71.0971 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(221, 219, 210) }
```


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

```
.border{ border-color:rgb(221, 219, 210) }
```

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

Here you see how a box with a 4 pixel rgb(221, 219, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(221, 219,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7832, 70.6883, 71.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 219, 210) }
```

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

```
.background{ background-color: rgb(221,  
219, 210) }
```

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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