

Converting Colors

XYZ(67.9069, 70.7614, 77.4194)

Have a look what the booklet for
XYZ(67.9069, 70.7614, 77.4194)
contains.

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Color

**XYZ(67.9818, 70.7869,
77.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDADB
RGB	222, 218, 219
RGB Percent	87%, 85%, 86%
CMY	0.1294, 0.1451, 0.1412
CMYK	0.00, 0.02, 0.01, 0.13
HSL	345°, 6%, 86%
HSV	345°, 2%, 87%
XYZ	67.9818, 70.7869, 77.0980
YIQ	219.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

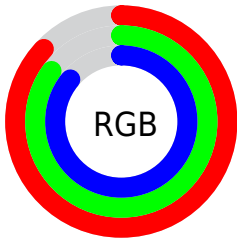
Format	Color
RYB	222, 218, 219
Decimal	14605019
CIELab	87.38, 1.54, -0.02
CIELCh	87, 1.542, 359.339
Yxy	70.7869, 0.3149, 0.3279
Android (android.graphics.Color)	4292795099 (0xFFDEDADB)
YUV	219.3100, -0.1528, 2.3591
Hunter-Lab	84.1350, -3.0066, 4.5634

Details

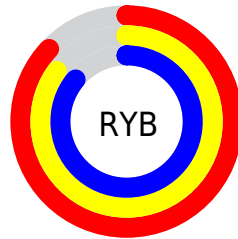
The XYZ color **67.9818, 70.7869, 77.0980** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0886, 72.3703, 78.7905**, and the grayscale version is **67.5489, 71.0667, 77.3916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7344, 37.0902, 40.3977** is the 20% darker color. If you saturate the color by 10%, you get **60.5211, 59.2020, 64.3228**, and if you desaturate by 10%, it is **76.4373, 84.0079, 91.2905**.

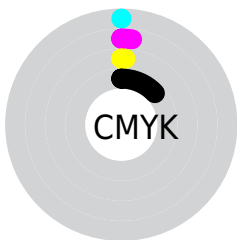
Distribution



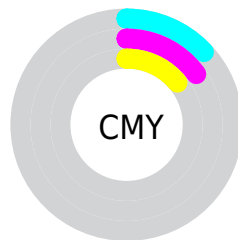
- Red (87%)
- Green (85%)
- Blue (86%)



- Red (87%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9818, 70.7869, 77.0980 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 67.9818, 70.7869, 77.0980 by changing the saturation by 10% instead.

■ 67.9818, 70.7869,
77.0980

■ 67.9818, 70.7869,
77.0980

442.8093,
463.3081, 504.5446

■ 50.1565, 52.1683,
56.8213

115.3682,
120.3302, 131.0521

■ 35.7561, 37.1392,
40.4534

145.6600,
152.0238, 165.5665

■ 24.4151, 25.3153,
27.5757

180.8380,
188.8444, 205.6639

■ 15.7683, 16.3121,
17.7698

221.2677,
231.1766, 251.7629

■ 9.4501, 9.7453,
10.6171

267.3143,
279.4047, 304.2819

■ 5.0954, 5.2304,
5.6991

319.3432,

■ 2.3387, 2.3831,

333.9130, 363.6395

2.5972

377.7197,
395.0860, 430.2542

■ 0.8143, 0.8172,
0.8910

■ 0.0000, 0.0000,
0.0000

■ 67.9818, 70.7869,
77.0980

■ 67.9818, 70.7869,
77.0980

■ 60.5211, 59.2020,
64.3228

■ 76.4373, 84.0079,
91.2905

■ 54.0123, 49.1807,
52.9161

■ 83.5083, 94.0993,
106.1348

■ 48.4182, 40.6583,
42.8334

■ 83.9346, 94.2698,
108.3798

■ 43.6970, 33.5624,
34.0255

■ 39.8033, 27.8144,
26.4407

■ 36.6878, 23.3281,
20.0231

■ 34.2954, 20.0072,
14.7126

■ 32.5636, 17.7414,
10.4430

■ 31.4186, 16.3988,
7.1404

Harmonies

Analogous

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



67.8835, 70.7869, 78.0997



67.9818, 70.7869, 77.0980



67.8917, 70.7869, 76.0987

Triad

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



67.9818, 70.7869, 77.0980



66.9391, 70.7869, 75.3439



66.9252, 70.7869, 78.8088

Complementary

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



67.9818, 70.7869, 77.0980



68.0886, 72.3703, 78.7905

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.



66.6737, 70.7869, 78.0594



67.9818, 70.7869, 77.0980



66.6817, 70.7869, 76.0591

Square

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



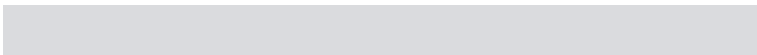
67.9818, 70.7869, 77.0980



67.2889, 70.7869, 75.0916



66.5847, 70.7869, 77.0518



67.2728, 70.7869, 79.0929

Rectangle

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



67.9818, 70.7869, 77.0980



67.7371, 70.7869, 75.5671



66.5847, 70.7869, 77.0518



66.8267, 70.7869, 78.6026

Sweetspot

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



67.9838, 70.7900, 77.0995



93.9352, 98.2611, 107.0154



68.0773, 70.7921, 79.1844



20.1177, 21.0502, 22.9256



0.0000, 0.0000, 0.0000



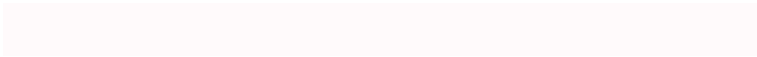
20.3446, 21.4041, 23.3091

Same Dimension

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



67.9838, 70.7900, 77.0995



92.8341, 96.5449, 105.1506



68.1129, 71.2574, 76.4975



15.1214, 15.7373, 17.1400



18.3452, 9.4051, 3.2175



1.3071, 0.6661, 0.4100

Inverse Universe

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



67.9838, 70.7900, 77.0995



92.8341, 96.5449, 105.1506



67.9571, 71.8944, 79.4035



15.1214, 15.7373, 17.1400



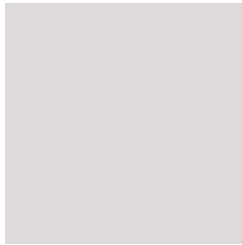
18.3452, 9.4051, 3.2175



1.3071, 0.6661, 0.4100

Previews

White Background



This preview shows how the XYZ color 67.9818, 70.7869, 77.0980 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 67.9818, 70.7869, 77.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

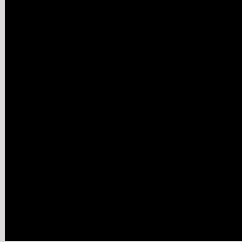
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

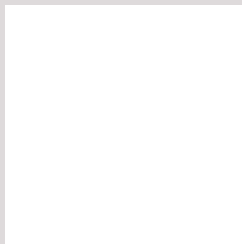
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.9818, 70.7869, 77.0980

Background



This preview shows how black text looks on a background with the XYZ color 67.9818, 70.7869, 77.0980.

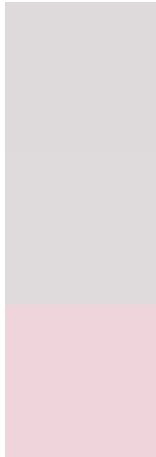


This preview shows how white text looks on a background with the XYZ color 67.9818, 70.7869,

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

67.9818, 70.7869, 77.0980

Protanopia

68.2890, 70.9453, 77.1124

Deuteranopia

72.0584, 70.6050, 77.5404



Tritanopia

70.0043, 70.8422, 87.0751

Trichromacy



Original Color

67.9818, 70.7869, 77.0980

Protanomaly

68.2890, 70.9453, 77.1124

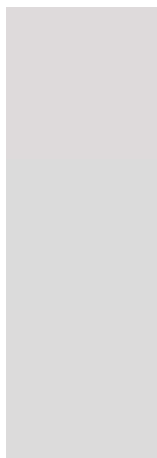
Deuteranomaly

70.5691, 70.5841, 77.6148

Tritanomaly

69.2479, 70.9151, 83.4370

Monochromacy



Original Color

67.9818, 70.7869, 77.0980

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.6329, 70.9932, 77.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9818, 70.7869, 77.0980 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(222, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 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(222, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 67.9818, 70.7869, 77.0980 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(222, 218, 219) }
```


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

```
.border{ border-color:rgb(222, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9818, 70.7869, 77.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 219) }
```

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

```
.background{ background-color: rgb(222,  
218, 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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