

Converting Colors

XYZ(69.8477, 72.9653, 78.9606)

Have a look what the booklet for
XYZ(69.8477, 72.9653, 78.9606)
contains.

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Color

**XYZ(69.6481, 72.7807,
78.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DDDD
RGB	224, 221, 221
RGB Percent	88%, 87%, 87%
CMY	0.1216, 0.1333, 0.1333
CMYK	0.00, 0.01, 0.01, 0.12
HSL	0°, 5%, 87%
HSV	0°, 1%, 88%
XYZ	69.6481, 72.7807, 78.7838
YIQ	221.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

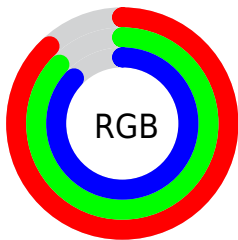
Format	Color
R _Y B	224, 221, 221
Decimal	14736861
CIE Lab	88.34, 1.02, 0.35
CIE LCh	88, 1.080, 18.935
Yxy	72.7807, 0.3148, 0.3290
Android (android.graphics.Color)	4292926941 (0xFFE0DDDD)
YUV	221.8970, -0.4422, 1.8443
Hunter-Lab	85.3116, -3.5685, 4.9648

Details

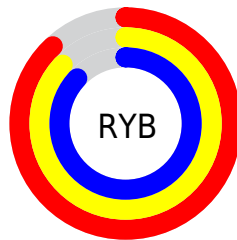
The XYZ color **69.6481, 72.7807, 78.7838** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9290, 74.0643, 81.1322**, and the grayscale version is **69.3624, 72.9746, 79.4694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8813, 38.4606, 41.5562** is the 20% darker color. If you saturate the color by 10%, you get **61.3430, 60.6315, 62.2604**, and if you desaturate by 10%, it is **79.1426, 86.6695, 97.6700**.

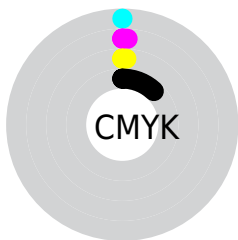
Distribution



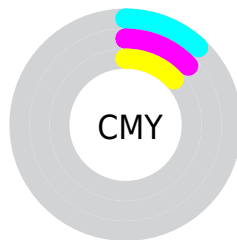
- Red (88%)
- Green (87%)
- Blue (87%)



- Red (88%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6481, 72.7807, 78.7838 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 69.6481, 72.7807, 78.7838 by changing the saturation by 10% instead.

■ 69.6481, 72.7807,
78.7838

■ 69.6481, 72.7807,
78.7838

448.5992,
470.2544, 510.4229

■ 51.5183, 53.7967,
58.1978

117.7358,
123.1658, 133.4504

■ 36.8439, 38.4391,
41.5519

148.4244,
155.3357, 168.3680

■ 25.2598, 26.3237,
28.4277

184.0299,
192.6697, 208.8999

■ 16.4005, 17.0659,
18.4064

224.9177,
235.5521, 255.4647

■ 9.9006, 10.2815,
11.0697

271.4532,
284.3674, 308.4808

■ 5.3949, 5.5860,
5.9990

324.0017,

■ 2.5179, 2.5950,

339.5000, 368.3669

2.7757

382.9286,
401.3342, 435.5414

■ 0.9043, 0.9242,
0.9813

■ 0.0000, 0.0000,
0.0000

■ 69.6481, 72.7807,
78.7838

■ 69.6481, 72.7807,
78.7838

■ 61.3430, 60.6315,
62.2604

■ 79.1426, 86.6695,
97.6700

■ 54.1745, 50.1444,
48.0023

■ 84.5509, 94.5875,
108.4087

■ 48.0951, 41.2500,
35.9122

■ 43.0515, 33.8704,
25.8840

■ 38.9861, 27.9213,
17.8028

■ 35.8354, 23.3101,
11.5421

■ 33.5287, 19.9332,
6.9608

■ 31.9846, 17.6720,
3.8971

■ 31.1063, 16.3846,
2.1572

Harmonies

Analogous

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



69.6659, 72.7807, 79.5199



69.6481, 72.7807, 78.7838



69.5036, 72.7807, 78.1751

Triad

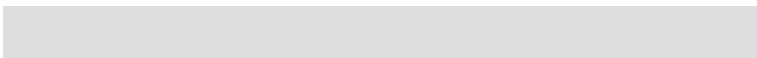
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6481, 72.7807, 78.7838



68.8010, 72.7807, 78.3124



69.0803, 72.7807, 80.6541

Complementary

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



69.6481, 72.7807, 78.7838



69.9290, 74.0643, 81.1322

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.



68.8492, 72.7807, 80.3263



69.6481, 72.7807, 78.7838



68.6882, 72.7807, 78.9723

Square

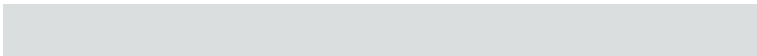
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



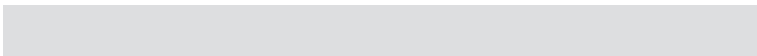
69.6481, 72.7807, 78.7838



69.0144, 72.7807, 77.9041



68.7058, 72.7807, 79.7096



69.3376, 72.7807, 80.6028

Rectangle

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



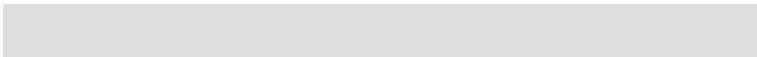
69.6481, 72.7807, 78.7838



69.3551, 72.7807, 77.9220



68.7058, 72.7807, 79.7096



68.9970, 72.7807, 80.5845

Sweetspot

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



69.6502, 72.7838, 78.7854

95.0500, 100.0000, 108.9000



70.0525, 72.9431, 80.9093



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



69.6502, 72.7838, 78.7854



92.6363, 96.4691, 104.0982



70.0469, 73.5774, 78.9176



15.0911, 15.7257, 16.9793



17.8957, 9.2293, 0.8382



1.2409, 0.6408, 0.0583

Inverse Universe

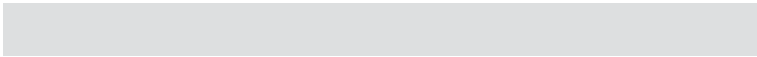
The Inverse Universe completely reimagines the original color for something new.



69.9290, 74.0643, 81.1322



93.1964, 99.0413, 108.8126



69.5287, 73.2636, 80.9988



15.1767, 16.1184, 17.6989



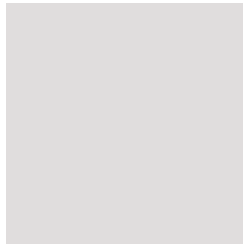
23.3018, 34.0732, 46.3970



1.6157, 2.3628, 3.2162

Previews

White Background



This preview shows how the XYZ color 69.6481, 72.7807, 78.7838 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 69.6481, 72.7807, 78.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

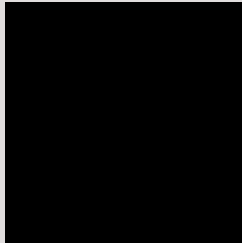
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

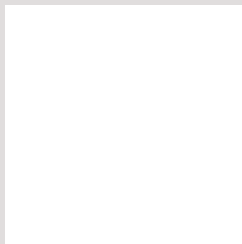
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6481, 72.7807, 78.7838

Background



This preview shows how black text looks on a background with the XYZ color 69.6481, 72.7807, 78.7838.

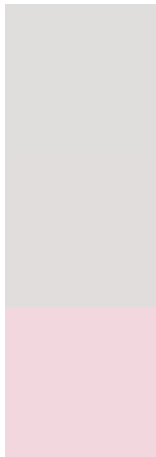


This preview shows how white text looks on a background with the XYZ color 69.6481, 72.7807,

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

69.6481, 72.7807, 78.7838

Protanopia

70.2716, 73.1021, 78.8130

Deuteranopia

74.1032, 72.7520, 79.2441



Tritanopia

71.8359, 72.8879, 89.6395

Trichromacy



Original Color

69.6481, 72.7807, 78.7838

Protanomaly

69.9589, 72.9409, 78.7984

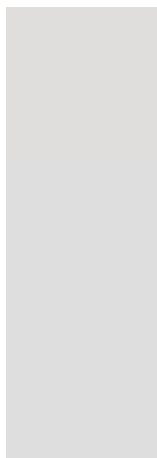
Deuteranomaly

72.2586, 72.5618, 79.3046

Tritanomaly

71.0683, 72.9635, 85.9390

Monochromacy



Original Color

69.6481, 72.7807, 78.7838

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7375, 73.2045, 79.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6481, 72.7807, 78.7838 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(224, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(224, 221, 221)  
}
```

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(224, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 69.6481, 72.7807, 78.7838 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(224, 221, 221) }
```

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

```
.border{ border-color:rgb(224, 221, 221) }
```

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

Here you see how a box with a 4 pixel rgb(224, 221, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(224, 221,  
221) }
```


Background

The CSS property to change the background color of an element to XYZ 69.6481, 72.7807, 78.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 221, 221) }
```

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

```
.background{ background-color: rgb(224,  
221, 221) }
```

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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