

Converting Colors

XYZ(69.5959, 72.0654, 77.3712)

Have a look what the booklet for
XYZ(69.5959, 72.0654, 77.3712)
contains.

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Color

**XYZ(69.4817, 71.9463,
77.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DBDB
RGB	226, 219, 219
RGB Percent	89%, 86%, 86%
CMY	0.1137, 0.1412, 0.1412
CMYK	0.00, 0.03, 0.03, 0.11
HSL	0°, 11%, 87%
HSV	0°, 3%, 89%
XYZ	69.4817, 71.9463, 77.2428
YIQ	221.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

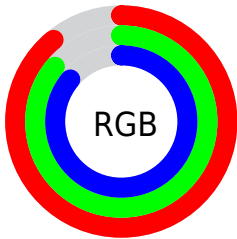
Format	Color
R _Y B	226, 219, 219
Decimal	14867419
CIE Lab	87.94, 2.39, 0.84
CIE LCh	88, 2.530, 19.355
Yxy	71.9463, 0.3177, 0.3290
Android (android.graphics.Color)	4293057499 (0xFFE2DBDB)
YUV	221.0930, -1.0318, 4.3034
Hunter-Lab	84.8212, -2.2178, 5.3821

Details

The XYZ color **69.4817, 71.9463, 77.2428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1371, 74.9425, 82.7210**, and the grayscale version is **68.7992, 72.3822, 78.8242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7709, 37.8892, 40.4973** is the 20% darker color. If you saturate the color by 10%, you get **61.2084, 59.8416, 60.7890**, and if you desaturate by 10%, it is **78.9627, 85.8180, 96.0938**.

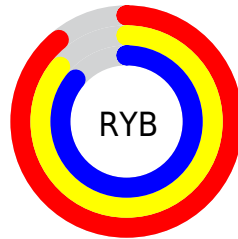
Distribution



Red (89%)

Green (86%)

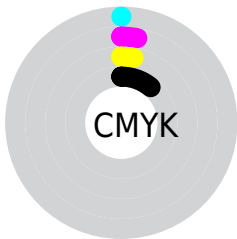
Blue (86%)



Red (89%)

Yellow (86%)

Blue (86%)

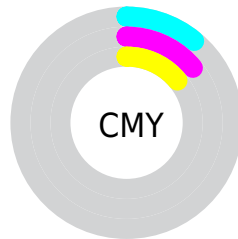


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4817, 71.9463, 77.2428 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 69.4817, 71.9463, 77.2428 by changing the saturation by 10% instead.

■ 69.4817, 71.9463,
77.2428

■ 69.4817, 71.9463,
77.2428

448.0229,
467.3547, 505.0511

■ 51.3822, 53.1148,
56.9394

117.4996,
121.9802, 131.2583

■ 36.7351, 37.8944,
40.5476

148.1487,
153.9514, 165.8075

■ 25.1752, 25.9008,
27.6487

183.7118,
191.0712, 205.9424

■ 16.3371, 16.7494,
17.8243

224.5541,
233.7242, 252.0815

■ 9.8553, 10.0560,
10.6558

271.0410,
282.2946, 304.6434

■ 5.3647, 5.4361,
5.7246

323.5378,

■ 2.4997, 2.5053,

337.1669, 364.0466

2.6123

382.4100,
398.7255, 430.7097

■ 0.8951, 0.8793,
0.8988

■ 0.0000, 0.0000,
0.0000

■ 69.4817, 71.9463,
77.2428

■ 69.4817, 71.9463,
77.2428

■ 61.2084, 59.8416,
60.7890

■ 78.9627, 85.8180,
96.0938

■ 54.0884, 49.4240,
46.6320

■ 85.1744, 94.9089,
108.4378

■ 48.0725, 40.6216,
34.6710

■ 43.1054, 33.3535,
24.7961

■ 39.1271, 27.5319,
16.8879

■ 36.0715, 23.0602,
10.8149

■ 33.8644, 19.8300,
6.4295

■ 32.4205, 17.7161,
3.5616

■ 31.6361, 16.5675,
2.0051

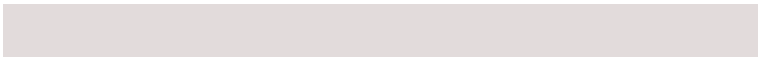
Harmonies

Analogous

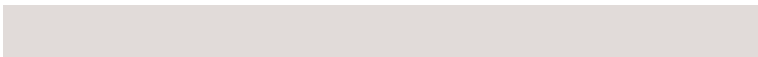
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5277, 71.9463, 78.9518



69.4817, 71.9463, 77.2428



69.1402, 71.9463, 75.8466

Triad

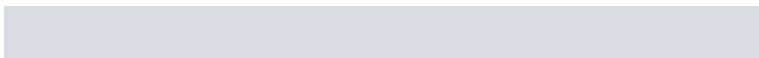
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.4817, 71.9463, 77.2428



67.5075, 71.9463, 76.1959



68.1690, 71.9463, 81.6436

Complementary

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



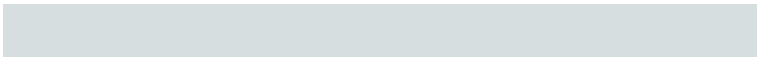
69.4817, 71.9463, 77.2428



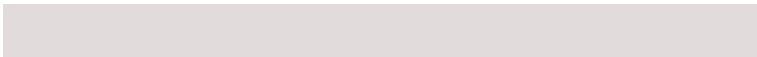
70.1371, 74.9425, 82.7210

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.



67.6309, 71.9463, 80.8819



69.4817, 71.9463, 77.2428



67.2505, 71.9463, 77.7260

Square

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



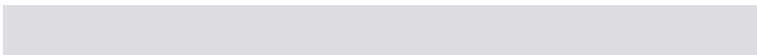
69.4817, 71.9463, 77.2428



67.9996, 71.9463, 75.2483



67.2955, 71.9463, 79.4421



68.7675, 71.9463, 81.5096

Rectangle

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



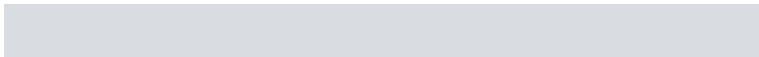
69.4817, 71.9463, 77.2428



68.7921, 71.9463, 75.2732



67.2955, 71.9463, 79.4421



67.9751, 71.9463, 81.4834

Sweetspot

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



69.4837, 71.9494, 77.2444



93.8345, 98.2215, 106.4828



70.4239, 72.3238, 82.2005



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



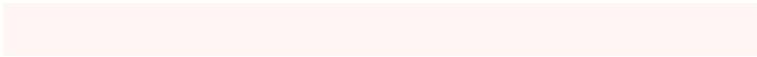
20.3446, 21.4041, 23.3091

Same Dimension

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



69.4837, 71.9494, 77.2444



90.2846, 93.0277, 99.4238



70.4054, 73.7928, 77.5516



14.5553, 14.9416, 15.9140



17.8943, 9.2264, 0.8377



1.2406, 0.6400, 0.0581

Inverse Universe

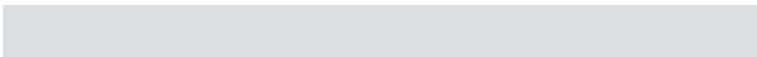
The Inverse Universe completely reimagines the original color for something new.



70.1371, 74.9425, 82.7210



91.3946, 98.1128, 108.7284



69.1961, 73.0606, 82.4074



14.7659, 15.9066, 17.6797



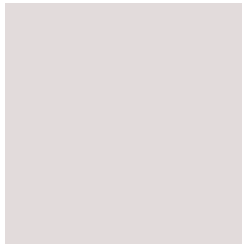
23.3275, 34.1245, 46.4056



1.6172, 2.3658, 3.2166

Previews

White Background



This preview shows how the XYZ color 69.4817, 71.9463, 77.2428 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 69.4817, 71.9463, 77.2428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

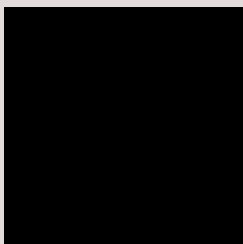
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

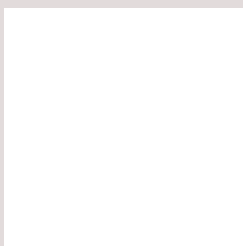
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4817, 71.9463, 77.2428

Background



This preview shows how black text looks on a background with the XYZ color 69.4817, 71.9463, 77.2428.

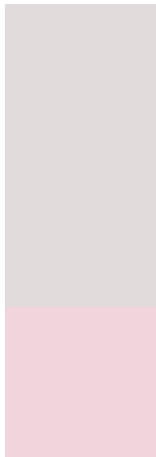


This preview shows how white text looks on a background with the XYZ color 69.4817, 71.9463,

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

69.4817, 71.9463, 77.2428

Protanopia

69.1690, 71.7851, 77.2281

Deuteranopia

73.3305, 71.6331, 77.6718



Tritanopia

71.6590, 72.0602, 87.9741

Trichromacy



Original Color

69.4817, 71.9463, 77.2428

Protanomaly

69.1690, 71.7851, 77.2281

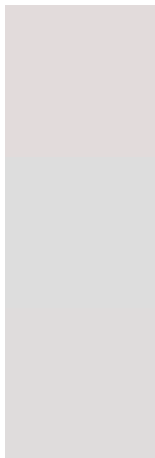
Deuteranomaly

71.8108, 71.6011, 77.7457

Tritanomaly

70.8928, 72.1308, 84.3149

Monochromacy



Original Color

69.4817, 71.9463, 77.2428

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9429, 72.0417, 77.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4817, 71.9463, 77.2428 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(226, 219, 219) looks like.

```
.text, #text, p{  
    color:rgb(226, 219, 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(226, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.4817, 71.9463, 77.2428 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(226, 219, 219) }
```


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

```
.border{ border-color:rgb(226, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 219,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4817, 71.9463, 77.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 219, 219) }
```

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

```
.background{ background-color: rgb(226,  
219, 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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