

Converting Colors

XYZ(75.0112, 76.8474, 79.4074)

Have a look what the booklet for
XYZ(75.0112, 76.8474, 79.4074)
contains.

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Color

**XYZ(74.9667, 76.7089,
79.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE0DD
RGB	238, 224, 221
RGB Percent	93%, 88%, 87%
CMY	0.0667, 0.1215, 0.1333
CMYK	0.00, 0.06, 0.07, 0.07
HSL	11°, 33%, 90%
HSV	11°, 7%, 93%
XYZ	74.9667, 76.7089, 79.2617
YIQ	227.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

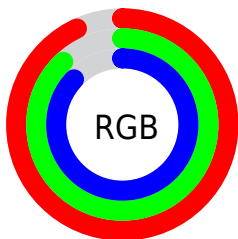
Format	Color
R _Y B	238, 225, 221
Decimal	15655133
CIE Lab	90.19, 4.26, 3.17
CIE LCh	90, 5.313, 36.605
Yxy	76.7089, 0.3246, 0.3322
Android (android.graphics.Color)	4293845213 (0xFFEEE0DD)
YUV	227.8440, -3.3741, 8.9068
Hunter-Lab	87.5836, -0.4853, 7.6521

Details

The XYZ color **74.9667, 76.7089, 79.2617** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9596, 80.9605, 92.5660**, and the grayscale version is **73.6497, 77.4852, 84.3814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3623, 41.0742, 41.8772** is the 20% darker color. If you saturate the color by 10%, you get **67.0522, 65.5994, 62.0723**, and if you desaturate by 10%, it is **83.9419, 89.2187, 99.0242**.

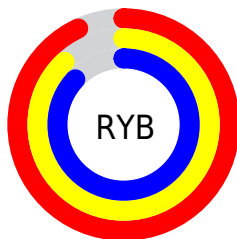
Distribution



Red (93%)

Green (88%)

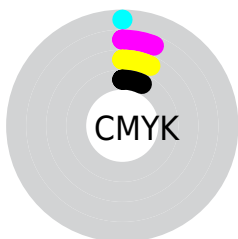
Blue (87%)



Red (93%)

Yellow (88%)

Blue (87%)

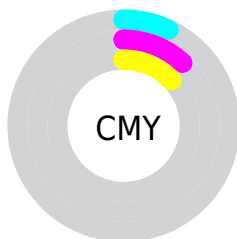


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9667, 76.7089, 79.2617 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 74.9667, 76.7089, 79.2617 by changing the saturation by 10% instead.

74.9667, 76.7089,
79.2617

74.9667, 76.7089,
79.2617

466.8020,
483.7709, 512.0822

55.8797, 57.0140,
58.5884

125.2534,
128.7285, 134.1292

40.3431, 41.0165,
41.8641

157.1838,
161.8219, 169.1605

27.9916, 28.3320,
28.6701

194.1260,
200.1504, 209.8149

18.4597, 18.5760,
18.5880

236.4454,
244.0982, 256.5110

11.3822, 11.3643,
11.1991

284.5073,
294.0497, 309.6672

6.3937, 6.3125,
6.0851

338.6772,

3.1289, 3.0360,

350.3895, 369.7021

2.8273

399.3203,
413.5017, 437.0343

■ 1.2223, 1.1506,
1.0071

■ 0.1238, 0.0208,
0.0000

■ 74.9667, 76.7089,
79.2617

■ 74.9667, 76.7089,
79.2617

■ 67.0522, 65.5994,
62.0723

■ 83.9419, 89.2187,
99.0242

■ 60.1528, 55.8315,
47.3452

■ 89.0703, 96.9174,
108.6202

■ 54.2286, 47.3573,
34.9688

■ 49.2351, 40.1221,
24.8208

■ 45.1239, 34.0672,
16.7679

■ 41.8422, 29.1293,
10.6627

■ 39.3314, 25.2389,
6.3382

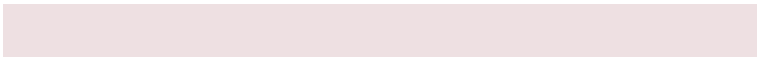
■ 37.5246, 22.3185,
3.5990

■ 36.3406, 20.2783,
2.1940

Harmonies

Analogous

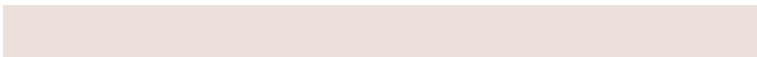
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4608, 76.7089, 82.6893



74.9667, 76.7089, 79.2617



73.9223, 76.7089, 77.0256

Triad

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



74.9667, 76.7089, 79.2617



70.6041, 76.7089, 80.6690



73.2019, 76.7089, 90.9562

Complementary

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



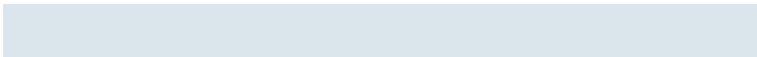
74.9667, 76.7089, 79.2617



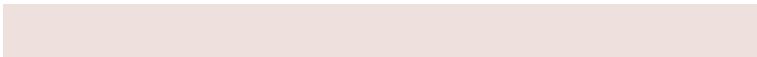
74.9596, 80.9605, 92.5660

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.



71.9060, 76.7089, 90.3758



74.9667, 76.7089, 79.2617



70.4164, 76.7089, 84.3622

Square

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



74.9667, 76.7089, 79.2617



71.4060, 76.7089, 77.8208



70.8903, 76.7089, 87.9343



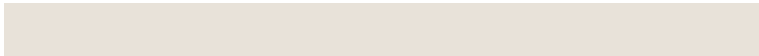
74.4340, 76.7089, 89.4971

Rectangle

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



74.9667, 76.7089, 79.2617



73.0599, 76.7089, 76.4727



70.8903, 76.7089, 87.9343



72.7593, 76.7089, 90.9937

Sweetspot

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



74.9688, 76.7123, 79.2633



92.9148, 97.0261, 104.1911



76.1369, 75.8989, 89.3617



19.9100, 20.7988, 22.3505



0.0000, 0.0000, 0.0000



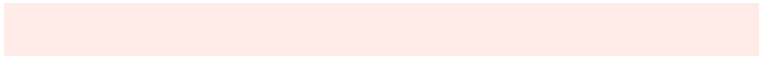
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9688, 76.7123, 79.2633



85.8385, 87.1408, 88.6769



77.2626, 81.2997, 80.0279



15.9986, 16.2104, 16.4354



20.2001, 11.1982, 1.0968



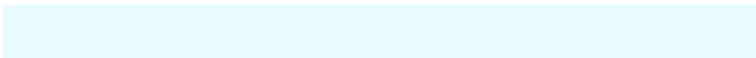
1.7441, 1.0588, 0.1125

Inverse Universe

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



74.9596, 80.9605, 92.5660



85.8247, 93.3438, 108.1014



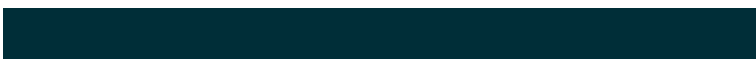
72.6305, 76.3023, 91.7897



15.9959, 17.4260, 20.2421



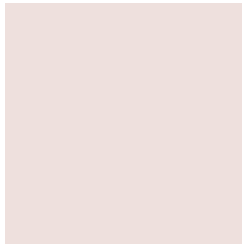
19.7014, 25.6270, 49.0360



1.7005, 2.2551, 4.0999

Previews

White Background



This preview shows how the XYZ color 74.9667, 76.7089, 79.2617 looks on a white background.

Color Contrast Check

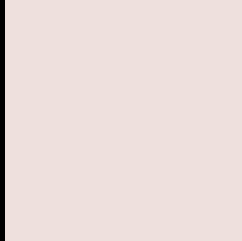
Large Text (above 18pt) WCAG AA × Fail

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 74.9667, 76.7089, 79.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

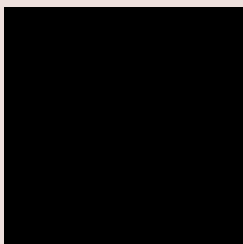
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

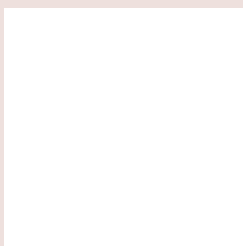
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9667, 76.7089, 79.2617

Background



This preview shows how black text looks on a background with the XYZ color 74.9667, 76.7089, 79.2617.



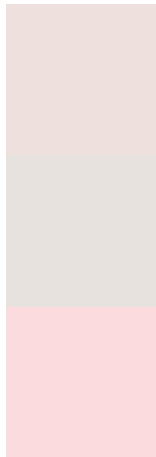
This preview shows how white text looks on a background with the XYZ color 74.9667, 76.7089,

79.2617.

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

74.9667, 76.7089, 79.2617

Protanopia

73.6599, 76.8224, 80.0532

Deuteranopia

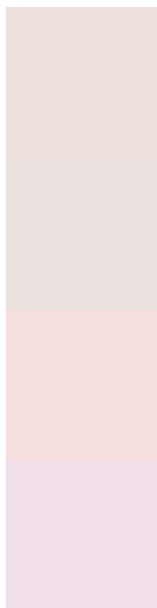
78.3000, 76.4462, 79.7360



Tritanopia

77.7121, 76.6457, 92.3596

Trichromacy



Original Color

74.9667, 76.7089, 79.2617

Protanomaly

74.0417, 76.6168, 79.9933

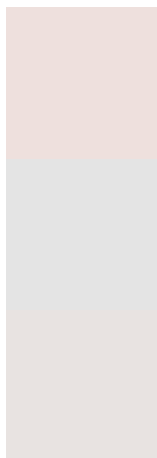
Deuteranomaly

77.0473, 76.5797, 79.8278

Tritanomaly

76.6219, 76.5940, 87.0896

Monochromacy



Original Color

74.9667, 76.7089, 79.2617

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3384, 77.5302, 82.2809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9667, 76.7089, 79.2617 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(238, 224, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 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(238, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.9667, 76.7089, 79.2617 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(238, 224, 221) }
```


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

```
.border{ border-color:rgb(238, 224, 221) }
```

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

Here you see how a box with a 4 pixel rgb(238, 224, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9667, 76.7089, 79.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 221) }
```

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

```
.background{ background-color: rgb(238,  
224, 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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