

Converting Colors

XYZ(75.6656, 77.0011, 80.2213)

Have a look what the booklet for
XYZ(75.6656, 77.0011, 80.2213)
contains.

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Color

**XYZ(75.7757, 77.1105,
79.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E0DE
RGB	240, 224, 222
RGB Percent	94%, 88%, 87%
CMY	0.0588, 0.1215, 0.1294
CMYK	0.00, 0.07, 0.07, 0.06
HSL	7°, 38%, 91%
HSV	7°, 7%, 94%
XYZ	75.7757, 77.1105, 79.9973
YIQ	228.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

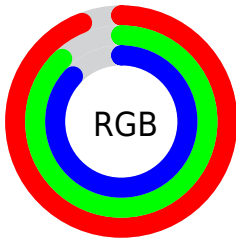
Format	Color
RYB	240, 224, 222
Decimal	15786206
CIELab	90.37, 5.12, 2.93
CIElCh	90, 5.903, 29.783
Yxy	77.1105, 0.3254, 0.3311
Android (android.graphics.Color)	4293976286 (0xFFFF0E0DE)
YUV	228.5560, -3.2321, 10.0364
Hunter-Lab	87.8126, 0.3601, 7.4556

Details

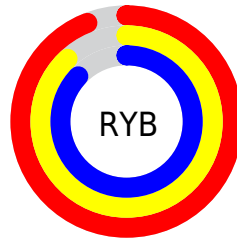
The XYZ color **75.7757, 77.1105, 79.9973** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4268, 82.9687, 94.4256**, and the grayscale version is **74.1696, 78.0322, 84.9771**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9302, 41.3563, 42.3845** is the 20% darker color. If you saturate the color by 10%, you get **67.4087, 65.1625, 62.4518**, and if you desaturate by 10%, it is **85.3239, 90.6864, 100.1974**.

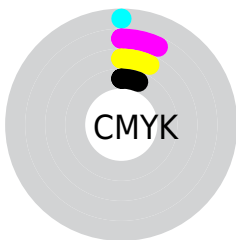
Distribution



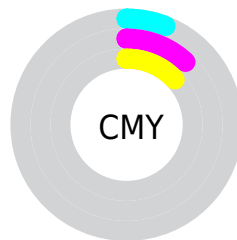
- Red (94%)
- Green (88%)
- Blue (87%)



- Red (94%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7757, 77.1105, 79.9973 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 75.7757, 77.1105, 79.9973 by changing the saturation by 10% instead.

75.7757, 77.1105,
79.9973

75.7757, 77.1105,
79.9973

469.5357,
485.1407, 514.6303

56.5450, 57.3436,
59.1900

126.3918,
129.2955, 135.1733

40.8788, 41.2811,
42.3451

158.5080,
162.4823, 170.3791

28.4116, 28.5388,
29.0440

195.6500,
200.9112, 211.2214

18.7782, 18.7322,
18.8682

238.1833,
244.9665, 258.1188

11.6132, 11.4770,
11.3993

286.4732,
295.0328, 311.4898

6.5512, 6.3886,
6.2185

340.8849,

3.2269, 3.0828,

351.4943, 371.7531

2.9075

401.7840,
414.7355, 439.3270

■ 1.2748, 1.1751,
1.0476

■ 0.1643, 0.0412,
0.0000

■ 75.7757, 77.1105,
79.9973

■ 75.7757, 77.1105,
79.9973

■ 67.4087, 65.1625,
62.4518

■ 85.3239, 90.6864,
100.1974

■ 60.1708, 54.7716,
47.4458

■ 89.7456, 97.2655,
108.6518

■ 54.0153, 45.8766,
34.8629

■ 48.8899, 38.4085,
24.5758

■ 44.7379, 32.2927,
16.4458

■ 41.4971, 27.4481,
10.3188

■ 39.0979, 23.7847,
6.0203

■ 37.4605, 21.2003,
3.3460

■ 36.4865, 19.5745,
2.0275

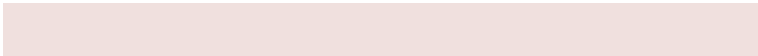
Harmonies

Analogous

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



76.1586, 77.1105, 83.9910



75.7757, 77.1105, 79.9973



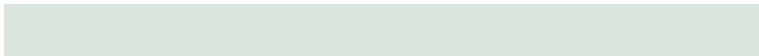
74.7252, 77.1105, 77.1476

Triad

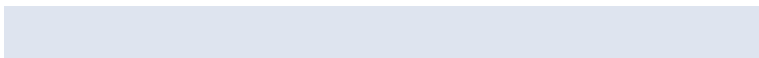
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7757, 77.1105, 79.9973



70.8721, 77.1105, 79.9457



73.2805, 77.1105, 92.3312

Complementary

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



75.7757, 77.1105, 79.9973



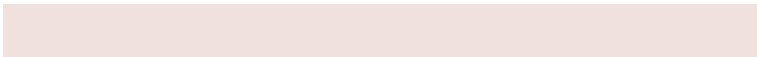
76.4268, 82.9687, 94.4256

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.



71.8757, 77.1105, 91.1626



75.7757, 77.1105, 79.9973



70.4967, 77.1105, 83.9295

Square

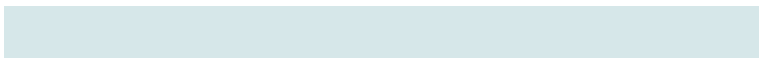
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7757, 77.1105, 79.9973



71.8941, 77.1105, 77.1185



70.8616, 77.1105, 88.0519



74.7063, 77.1105, 91.1951

Rectangle

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



75.7757, 77.1105, 79.9973



73.7945, 77.1105, 76.2316



70.8616, 77.1105, 88.0519



72.7902, 77.1105, 92.1944

Sweetspot

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



75.7779, 77.1139, 79.9990



92.8108, 96.8182, 104.1564



77.5196, 76.9538, 91.8120



19.8888, 20.7564, 22.3434



0.0000, 0.0000, 0.0000



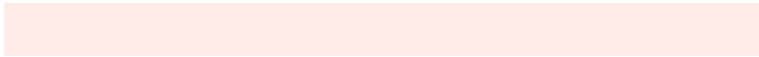
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7779, 77.1139, 79.9990



85.4080, 86.2799, 88.5334



78.2034, 81.9650, 80.8075



15.9145, 16.0421, 16.4074



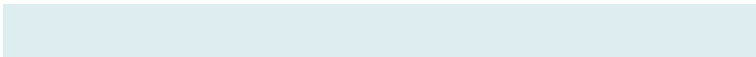
19.9295, 10.6570, 1.0066



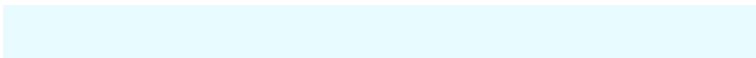
1.7043, 0.9792, 0.0992

Inverse Universe

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



76.4268, 82.9687, 94.4256



86.2952, 94.2847, 108.2583



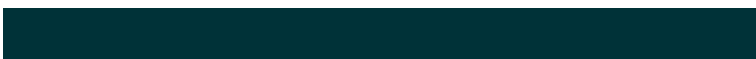
73.9282, 77.9714, 93.5927



16.0883, 17.6108, 20.2729



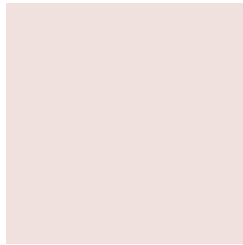
21.7352, 29.6947, 49.7140



1.8506, 2.5552, 4.1499

Previews

White Background



This preview shows how the XYZ color 75.7757, 77.1105, 79.9973 looks on a white background.

Color Contrast Check

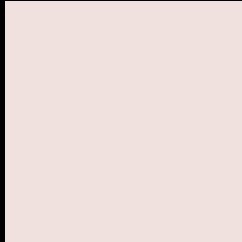
Large Text (above 18pt) WCAG AA × Fail

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 75.7757, 77.1105, 79.9973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

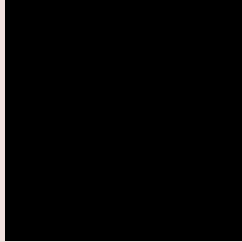
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

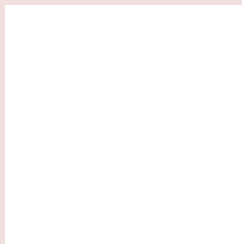
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7757, 77.1105, 79.9973

Background



This preview shows how black text looks on a background with the XYZ color 75.7757, 77.1105, 79.9973.

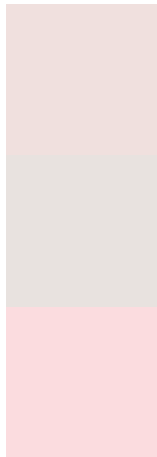


This preview shows how white text looks on a background with the XYZ color 75.7757, 77.1105,

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

75.7757, 77.1105, 79.9973

Protanopia

73.7944, 76.8762, 80.7613

Deuteranopia

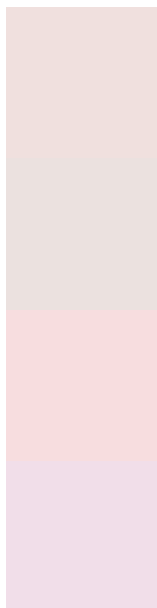
78.6961, 77.0233, 80.5313



Tritanopia

78.0544, 76.8221, 92.3756

Trichromacy



Original Color

75.7757, 77.1105, 79.9973

Protanomaly

74.5054, 76.8403, 80.7168

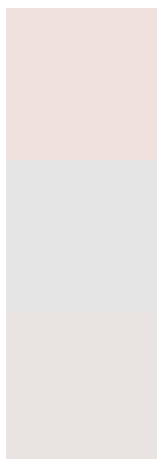
Deuteranomaly

77.5335, 76.8148, 80.5523

Tritanomaly

77.1049, 76.8265, 87.8559

Monochromacy



Original Color

75.7757, 77.1105, 79.9973

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8008, 77.7528, 83.0169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7757, 77.1105, 79.9973 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(240, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 222)  
}
```

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(240, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.7757, 77.1105, 79.9973 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(240, 224, 222) }
```


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

```
.border{ border-color:rgb(240, 224, 222) }
```

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

Here you see how a box with a 4 pixel rgb(240, 224, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7757, 77.1105, 79.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 222) }
```

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

```
.background{ background-color: rgb(240,  
224, 222) }
```

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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