

Converting Colors

XYZ(75.0870, 76.9360, 80.0397)

Have a look what the booklet for
XYZ(75.0870, 76.9360, 80.0397)
contains.

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Color

**XYZ(75.1004, 76.7624,
79.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE0DE
RGB	238, 224, 222
RGB Percent	93%, 88%, 87%
CMY	0.0667, 0.1215, 0.1294
CMYK	0.00, 0.06, 0.07, 0.07
HSL	8°, 32%, 90%
HSV	8°, 7%, 93%
XYZ	75.1004, 76.7624, 79.9656
YIQ	227.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

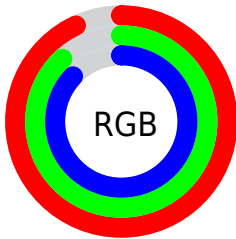
Format	Color
R _Y B	238, 224, 222
Decimal	15655134
CIE Lab	90.21, 4.43, 2.68
CIE LCh	90, 5.180, 31.151
Yxy	76.7624, 0.3239, 0.3311
Android (android.graphics.Color)	4293845214 (0xFFEEE0DE)
YUV	227.9580, -2.9373, 8.8068
Hunter-Lab	87.6142, -0.3196, 7.2158

Details

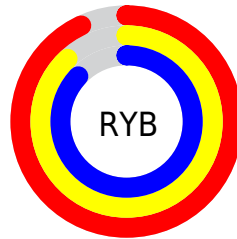
The XYZ color **75.1004, 76.7624, 79.9656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5521, 81.6922, 92.6761**, and the grayscale version is **73.7302, 77.5699, 84.4736**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4544, 41.1110, 42.3623** is the 20% darker color. If you saturate the color by 10%, you get **66.8767, 65.0641, 62.5818**, and if you desaturate by 10%, it is **84.4638, 90.0177, 99.9527**.

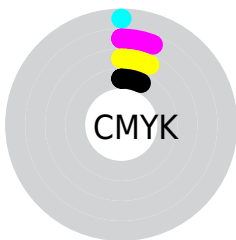
Distribution



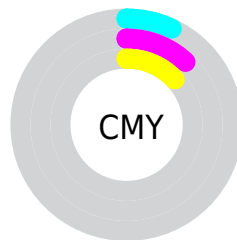
- Red (93%)
- Green (88%)
- Blue (87%)



- 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 75.1004, 76.7624, 79.9656 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 75.1004, 76.7624, 79.9656 by changing the saturation by 10% instead.

75.1004, 76.7624,
79.9656

75.1004, 76.7624,
79.9656

467.2544,
483.9535, 514.5206

55.9896, 57.0579,
59.1640

125.4416,
128.8040, 135.1283

40.4316, 41.0517,
42.3243

157.4028,
161.9099, 170.3266

28.0609, 28.3595,
29.0279

194.3781,
200.2518, 211.1608

18.5123, 18.5968,
18.8561

236.7329,
244.2139, 258.0496

11.4203, 11.3793,
11.3906

284.8326,
294.1808, 311.4114

6.4196, 6.3226,
6.2127

339.0425,

3.1450, 3.0422,

350.5367, 371.6648

2.9040

399.7280,
413.6662, 439.2284

■ 1.2309, 1.1538,
1.0458

■ 0.1305, 0.0235,
0.0000

■ 75.1004, 76.7624,
79.9656

■ 75.1004, 76.7624,
79.9656

■ 66.8767, 65.0641,
62.5818

■ 84.4638, 90.0177,
99.9527

■ 59.7429, 54.8559,
47.6892

■ 89.0703, 96.9174,
108.6202

■ 53.6550, 46.0809,
35.1752

■ 48.5633, 38.6748,
24.9162

■ 44.4144, 32.5683,
16.7776

■ 41.1496, 27.6860,
10.6106

■ 38.7034, 23.9448,
6.2469

■ 37.0014, 21.2509,
3.4899

■ 35.9534, 19.4951,
2.0920

Harmonies

Analogous

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



75.4645, 76.7624, 83.4388



75.1004, 76.7624, 79.9656



74.1618, 76.7624, 77.5214

Triad

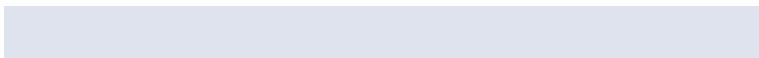
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1004, 76.7624, 79.9656



70.8126, 76.7624, 80.2055



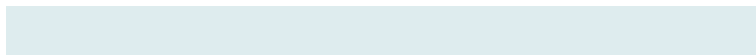
73.0101, 76.7624, 90.8749

Complementary

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



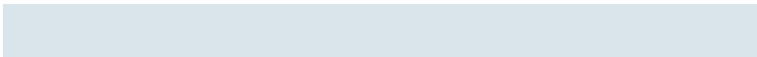
75.1004, 76.7624, 79.9656



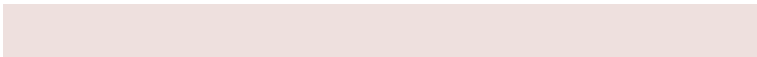
75.5521, 81.6922, 92.6761

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.



71.7719, 76.7624, 89.9488



75.1004, 76.7624, 79.9656



70.5122, 76.7624, 83.7238

Square

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



75.1004, 76.7624, 79.9656



71.6867, 76.7624, 77.6570



70.8614, 76.7624, 87.3042



74.2490, 76.7624, 89.7993

Rectangle

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



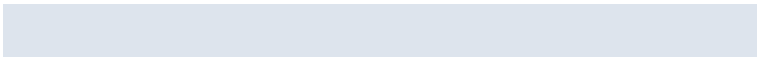
75.1004, 76.7624, 79.9656



73.3420, 76.7624, 76.7670



70.8614, 76.7624, 87.3042



72.5801, 76.7624, 90.7872

Sweetspot

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



75.1025, 76.7658, 79.9673



92.8329, 96.8624, 104.1638



76.5419, 76.4847, 90.1883



19.8933, 20.7654, 22.3449



0.0000, 0.0000, 0.0000



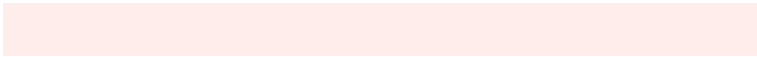
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1025, 76.7658, 79.9673



86.5068, 87.8934, 90.7003



77.2649, 81.0904, 80.6880



15.9323, 16.0778, 16.4133



19.9778, 10.7537, 1.0227



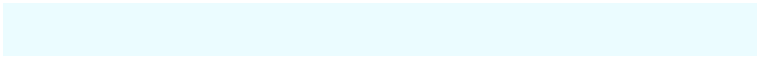
1.7128, 0.9962, 0.1020

Inverse Universe

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



75.5521, 81.6922, 92.6761



87.1292, 94.7146, 108.2973



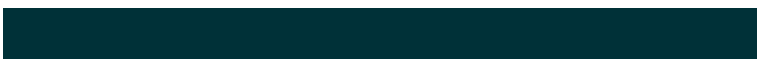
73.3380, 77.2640, 91.9381



16.0686, 17.5713, 20.2663



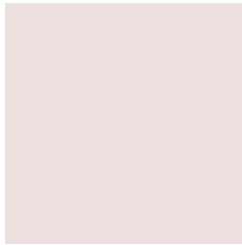
21.2852, 28.7947, 49.5640



1.8176, 2.4892, 4.1389

Previews

White Background



This preview shows how the XYZ color 75.1004, 76.7624, 79.9656 looks on a white background.

Color Contrast Check

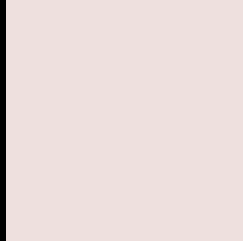
Large Text (above 18pt) WCAG AA × Fail

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 75.1004, 76.7624, 79.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

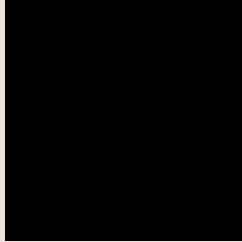
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

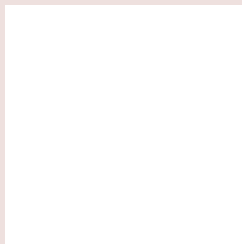
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1004, 76.7624, 79.9656

Background



This preview shows how black text looks on a background with the XYZ color 75.1004, 76.7624, 79.9656.



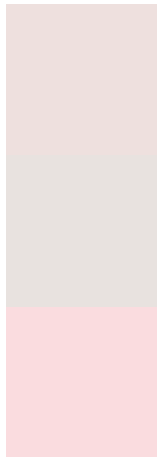
This preview shows how white text looks on a background with the XYZ color 75.1004, 76.7624,

79.9656.

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

75.1004, 76.7624, 79.9656

Protanopia

73.7944, 76.8762, 80.7613

Deuteranopia

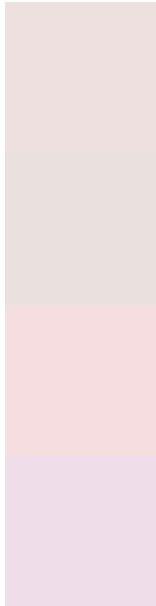
78.3368, 76.8381, 80.5145



Tritanopia

77.3716, 76.4702, 92.3436

Trichromacy



Original Color

75.1004, 76.7624, 79.9656

Protanomaly

74.1762, 76.6706, 80.7014

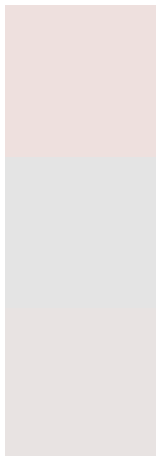
Deuteranomaly

77.1818, 76.6334, 80.5359

Tritanomaly

76.4259, 76.4765, 87.8242

Monochromacy



Original Color

75.1004, 76.7624, 79.9656

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4753, 77.5850, 83.0016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1004, 76.7624, 79.9656 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 75.1004, 76.7624, 79.9656 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, 222) }
```


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

```
.border{ border-color:rgb(238, 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(238, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1004, 76.7624, 79.9656 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, 222) }
```

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

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