

Converting Colors

XYZ(75.3331, 77.2993, 86.9516)

Have a look what the booklet for
XYZ(75.3331, 77.2993, 86.9516)
contains.

XYZ(75.4224, 77.1690, 87.2639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.4224, 77.1690,
87.2639)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE1E8
RGB	234, 225, 232
RGB Percent	92%, 88%, 91%
CMY	0.0823, 0.1176, 0.0902
CMYK	0.00, 0.04, 0.01, 0.08
HSL	313°, 18%, 90%
HSV	313°, 4%, 92%
XYZ	75.4224, 77.1690, 87.2639
YIQ	228.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

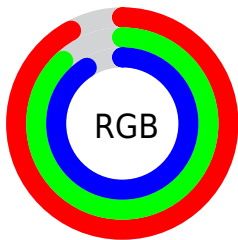
Format	Color
R_{YB}	234, 225, 232
Decimal	15393256
CIE _{Lab}	90.40, 4.29, -2.33
CIE _{LCh}	90, 4.877, 331.487
Y _{xy}	77.1690, 0.3144, 0.3217
Android (android.graphics.Color)	4293583336 (0xFFEAE1E8)
YUV	228.4890, 1.7309, 4.8331
Hunter-Lab	87.8459, -0.4744, 2.5949

Details

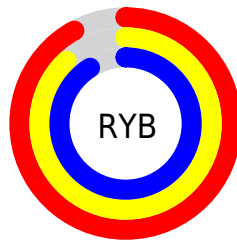
The XYZ color **75.4224, 77.1690, 87.2639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3422, 80.4013, 84.2777**, and the grayscale version is **74.0889, 77.9473, 84.8846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5713, 41.3490, 46.9171** is the 20% darker color. If you saturate the color by 10%, you get **68.7977, 65.0837, 81.4643**, and if you desaturate by 10%, it is **82.9403, 91.0035, 93.4710**.

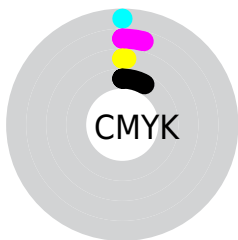
Distribution



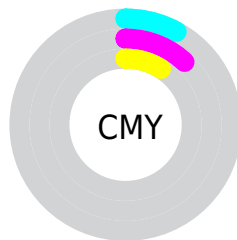
- Red (92%)
- Green (88%)
- Blue (91%)



- Red (92%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4224, 77.1690, 87.2639 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 75.4224, 77.1690, 87.2639 by changing the saturation by 10% instead.

75.4224, 77.1690,
87.2639

75.4224, 77.1690,
87.2639

468.3430,
485.3400, 539.4284

56.2544, 57.3916,
65.1527

125.8948,
129.3780, 145.4340

40.6447, 41.3197,
47.1328

157.9300,
162.5784, 182.3301

28.2280, 28.5690,
32.7856

194.9848,
201.0219, 224.9915

18.6390, 18.7550,
21.6925

237.4248,
245.0929, 273.8369

11.5121, 11.4934,
13.4349

285.6153,
295.1759, 329.2847

6.4822, 6.3997,
7.5945

339.9216,

3.1839, 3.0896,

351.6551, 391.7535

3.7526

400.7090,
414.9150, 461.6619

■ 1.2517, 1.1787,
1.4906

■ 0.1466, 0.0442,
0.2109

■ 75.4224, 77.1690,
87.2639

■ 75.4224, 77.1690,
87.2639

■ 68.7977, 65.0837,
81.4643

■ 82.9403, 91.0035,
93.4710

■ 63.0243, 54.6675,
76.0546

■ 85.7803, 95.4479,
98.2267

■ 58.0669, 45.8488,
71.0230

■ 86.5748, 95.7657,
102.4103

■ 53.8850, 38.5471,
66.3550

■ 87.3917, 96.0925,
106.7120

■ 50.4347, 32.6746,
62.0351

■ 87.7422, 96.2327,
108.5580

■ 47.6674, 28.1347,
58.0460

■ 45.5286, 24.8187,
54.3687

■ 43.9554, 22.6009,
50.9811

■ 42.8709, 21.3282,
47.8567

Harmonies

Analogous

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



74.5759, 77.1690, 89.8696



75.4224, 77.1690, 87.2639



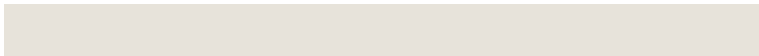
75.7111, 77.1690, 83.8501

Triad

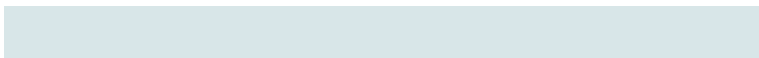
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4224, 77.1690, 87.2639



73.2861, 77.1690, 77.5007



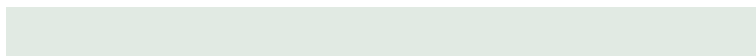
71.3693, 77.1690, 87.5733

Complementary

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



75.4224, 77.1690, 87.2639



74.3422, 80.4013, 84.2777

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.



71.0323, 77.1690, 84.1980



75.4224, 77.1690, 87.2639



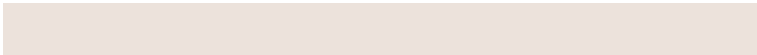
72.1313, 77.1690, 78.4374

Square

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



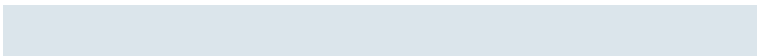
75.4224, 77.1690, 87.2639



74.4696, 77.1690, 78.2713



71.3097, 77.1690, 80.8652



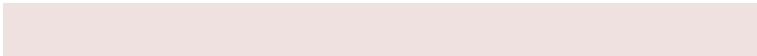
72.2354, 77.1690, 90.0517

Rectangle

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



75.4224, 77.1690, 87.2639



75.5459, 77.1690, 81.5928



71.3097, 77.1690, 80.8652



71.1908, 77.1690, 86.5028

Sweetspot

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



75.4246, 77.1723, 87.2656



94.1507, 98.3473, 108.1506



73.4424, 76.1175, 88.6644



20.1616, 21.0678, 23.1566



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.



75.4246, 77.1723, 87.2656



90.6635, 91.9520, 105.2030



74.8007, 76.9228, 83.9800



16.1177, 16.2660, 18.7326



23.8606, 11.7469, 26.1310



1.9089, 0.9365, 2.2375

Inverse Universe

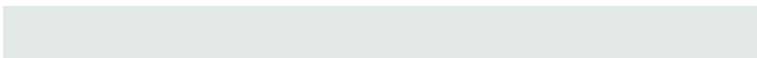
The Inverse Universe completely reimagines the original color for something new.



75.4246, 77.1723, 87.2656



90.6635, 91.9520, 105.2030



74.9641, 80.6501, 87.5530



16.1177, 16.2660, 18.7326



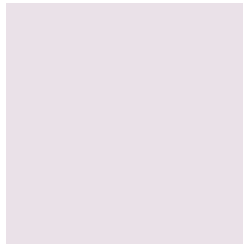
23.8606, 11.7469, 26.1310



1.9089, 0.9365, 2.2375

Previews

White Background



This preview shows how the XYZ color 75.4224, 77.1690, 87.2639 looks on a white background.

Color Contrast Check

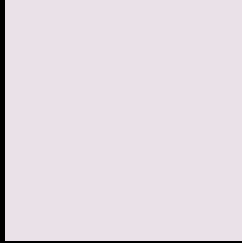
Large Text (above 18pt) WCAG AA × Fail

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 75.4224, 77.1690, 87.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

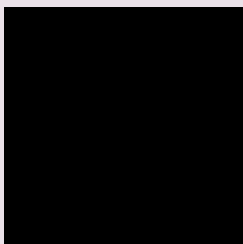
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

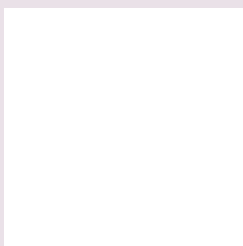
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4224, 77.1690, 87.2639

Background



This preview shows how black text looks on a background with the XYZ color 75.4224, 77.1690, 87.2639.



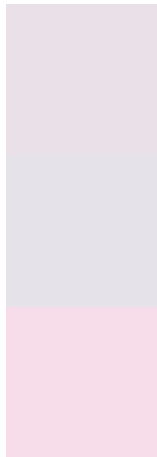
This preview shows how white text looks on a background with the XYZ color 75.4224, 77.1690,

87.2639.

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

75.4224, 77.1690, 87.2639

Protanopia

74.5375, 77.0989, 88.0438

Deuteranopia

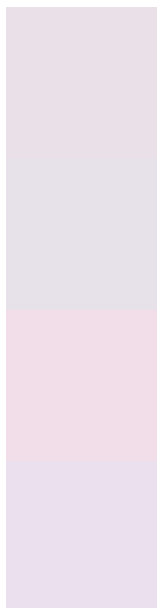
78.6590, 76.8437, 87.7773



Tritanopia

76.7938, 77.3244, 94.0967

Trichromacy



Original Color

75.4224, 77.1690, 87.2639

Protanomaly

74.8593, 77.2648, 88.0589

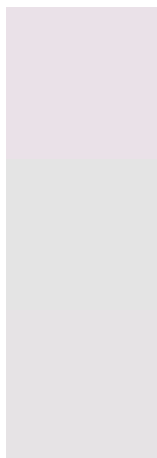
Deuteranomaly

77.4472, 77.0030, 87.8720

Tritanomaly

76.3492, 77.1465, 91.7557

Monochromacy



Original Color

75.4224, 77.1690, 87.2639

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2451, 77.4183, 85.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4224, 77.1690, 87.2639 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(234, 225, 232) looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 232)  
}
```

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(234, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.4224, 77.1690, 87.2639 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(234, 225, 232) }
```


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

```
.border{ border-color:rgb(234, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4224, 77.1690, 87.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 232) }
```

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

```
.background{ background-color: rgb(234,  
225, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor