

Converting Colors

XYZ(75.4880, 76.8899, 87.3093)

Have a look what the booklet for
XYZ(75.4880, 76.8899, 87.3093)
contains.

XYZ(75.4821, 76.7997, 87.1894)	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(75.4821, 76.7997,
87.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0E8
RGB	235, 224, 232
RGB Percent	92%, 88%, 91%
CMY	0.0784, 0.1215, 0.0902
CMYK	0.00, 0.05, 0.01, 0.08
HSL	316°, 22%, 90%
HSV	316°, 5%, 92%
XYZ	75.4821, 76.7997, 87.1894
YIQ	228.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

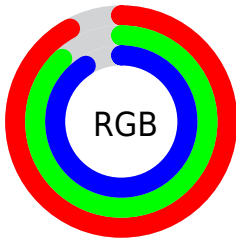
Format	Color
RYB	235, 224, 232
Decimal	15458536
CIELab	90.23, 5.14, -2.57
CIELCh	90, 5.747, 333.452
Yxy	76.7997, 0.3152, 0.3207
Android (android.graphics.Color)	4293648616 (0xFFEBE0E8)
YUV	228.2010, 1.8729, 5.9627
Hunter-Lab	87.6354, 0.3835, 2.3566

Details

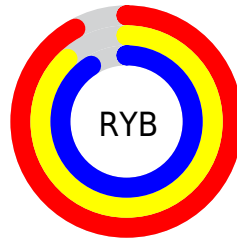
The XYZ color **75.4821, 76.7997, 87.1894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.3169, 80.8120, 84.3584**, and the grayscale version is **73.8765, 77.7238, 84.6412**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6148, 41.0942, 46.8656** is the 20% darker color. If you saturate the color by 10%, you get **68.7042, 64.6740, 80.5191**, and if you desaturate by 10%, it is **83.1704, 90.6910, 94.3290**.

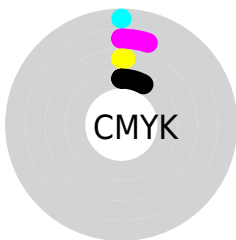
Distribution



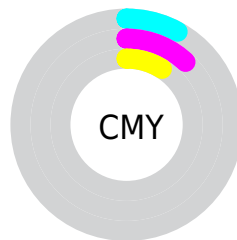
- Red (92%)
- Green (88%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4821, 76.7997, 87.1894 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 75.4821, 76.7997, 87.1894 by changing the saturation by 10% instead.

75.4821, 76.7997,
87.1894

75.4821, 76.7997,
87.1894

468.5447,
484.0808, 539.1774

56.3035, 57.0885,
65.0914

125.9788,
128.8567, 145.3293

40.6843, 41.0763,
47.0834

158.0277,
161.9713, 182.2083

28.2590, 28.3787,
32.7468

195.0973,
200.3224, 224.8514

18.6625, 18.6113,
21.6630

237.5530,
244.2946, 273.6772

11.5292, 11.3898,
13.4135

285.7603,
294.2721, 329.1041

6.4939, 6.3296,
7.5799

340.0844,

3.1911, 3.0465,

350.6394, 391.5508

3.7434

400.8908,
413.7808, 461.4357

■ 1.2556, 1.1561,
1.4857

■ 0.1496, 0.0254,
0.2072

■ 75.4821, 76.7997,
87.1894

■ 75.4821, 76.7997,
87.1894

■ 68.7042, 64.6740,
80.5191

■ 83.1704, 90.6910,
94.3290

■ 62.7943, 54.2327,
74.2995

■ 86.4761, 95.7643,
100.1723

■ 57.7162, 45.4029,
68.5176

■ 87.4712, 96.1623,
105.4128

■ 53.4286, 38.1026,
63.1579

■ 88.0714, 96.4024,
108.5734

■ 49.8865, 32.2424,
58.2035

■ 47.0402, 27.7237,
53.6362

■ 44.8341, 24.4355,
49.4353

■ 43.2032, 22.2487,
45.5775

■ 42.0682, 21.0054,
42.0343

Harmonies

Analogous

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



74.5213, 76.7997, 90.3625



75.4821, 76.7997, 87.1894



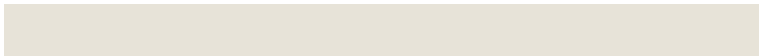
75.7737, 76.7997, 83.1488

Triad

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



75.4821, 76.7997, 87.1894



72.8305, 76.7997, 76.0085



70.7266, 76.7997, 88.0361

Complementary

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



75.4821, 76.7997, 87.1894



74.3169, 80.8120, 84.3584

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.



70.2866, 76.7997, 84.0966



75.4821, 76.7997, 87.1894



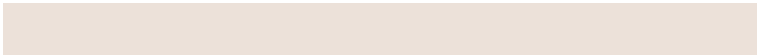
71.4913, 76.7997, 77.2249

Square

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



75.4821, 76.7997, 87.1894



74.2311, 76.7997, 76.7764



70.5647, 76.7997, 80.1529



71.7743, 76.7997, 90.8625

Rectangle

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



75.4821, 76.7997, 87.1894



75.5463, 76.7997, 80.5282



70.5647, 76.7997, 80.1529



70.5034, 76.7997, 86.7936

Sweetspot

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



75.4843, 76.8030, 87.1911



94.1301, 98.3391, 108.0418



73.3117, 75.6333, 89.3331



20.1574, 21.0661, 23.1345



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

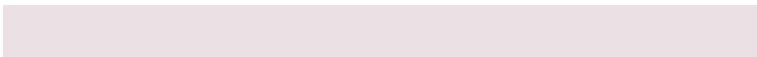
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4843, 76.8030, 87.1911



89.6970, 90.3577, 103.8361



74.7246, 76.4991, 83.1906



15.9526, 15.9982, 18.4849



23.2091, 11.4863, 22.7000



1.8625, 0.9180, 1.9933

Inverse Universe

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



75.4843, 76.8030, 87.1911



89.6970, 90.3577, 103.8361



75.0784, 81.1167, 88.3689



15.9526, 15.9982, 18.4849



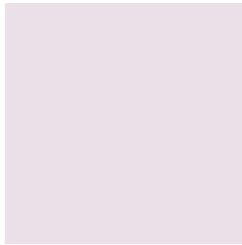
23.2091, 11.4863, 22.7000



1.8625, 0.9180, 1.9933

Previews

White Background



This preview shows how the XYZ color 75.4821, 76.7997, 87.1894 looks on a white background.

Color Contrast Check

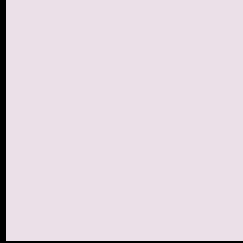
Large Text (above 18pt) WCAG AA × Fail

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 75.4821, 76.7997, 87.1894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

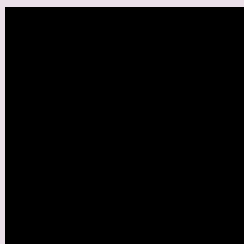
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

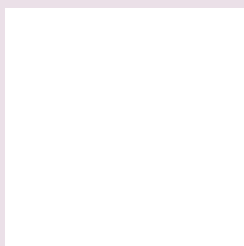
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4821, 76.7997, 87.1894

Background



This preview shows how black text looks on a background with the XYZ color 75.4821, 76.7997, 87.1894.



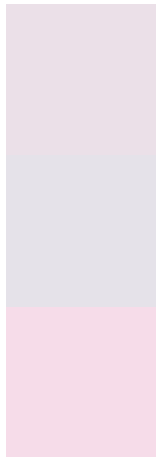
This preview shows how white text looks on a background with the XYZ color 75.4821, 76.7997,

87.1894.

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

75.4821, 76.7997, 87.1894

Protanopia

74.2174, 76.9339, 88.0288

Deuteranopia

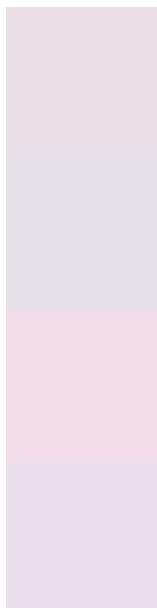
78.3072, 76.6624, 87.7609



Tritanopia

76.7079, 76.8995, 93.2382

Trichromacy



Original Color

75.4821, 76.7997, 87.1894

Protanomaly

74.5882, 76.7225, 87.9685

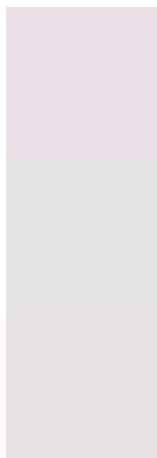
Deuteranomaly

77.1824, 76.4733, 87.7837

Tritanomaly

76.2658, 76.7226, 90.9101

Monochromacy



Original Color

75.4821, 76.7997, 87.1894

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5669, 77.5842, 85.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4821, 76.7997, 87.1894 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(235, 224, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 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(235, 224, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.4821, 76.7997, 87.1894 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(235, 224, 232) }
```


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

```
.border{ border-color:rgb(235, 224, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4821, 76.7997, 87.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 232) }
```

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

```
.background{ background-color: rgb(235,  
224, 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