

Converting Colors

XYZ(75.2198, 76.8737, 85.9876)

Have a look what the booklet for
XYZ(75.2198, 76.8737, 85.9876)
contains.

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Color

**XYZ(75.1995, 76.6866,
85.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0E6
RGB	235, 224, 230
RGB Percent	92%, 88%, 90%
CMY	0.0784, 0.1215, 0.0980
CMYK	0.00, 0.05, 0.02, 0.08
HSL	327°, 22%, 90%
HSV	327°, 5%, 92%
XYZ	75.1995, 76.6866, 85.7015
YIQ	227.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

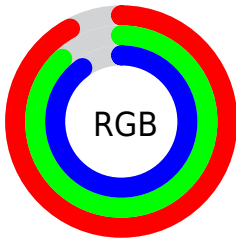
Format	Color
R_{YB}	235, 224, 230
Decimal	15458534
CIE Lab	90.18, 4.79, -1.60
CIE LCh	90, 5.046, 341.563
Yxy	76.6866, 0.3165, 0.3228
Android (android.graphics.Color)	4293648614 (0xFFEBE0E6)
YUV	227.9730, 0.9993, 6.1627
Hunter-Lab	87.5709, 0.0338, 3.2753

Details

The XYZ color **75.1995, 76.6866, 85.7015** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5945, 80.9231, 85.8208**, and the grayscale version is **73.7154, 77.5544, 84.4567**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5162, 41.0548, 46.3464** is the 20% darker color. If you saturate the color by 10%, you get **67.8608, 64.3366, 76.0778**, and if you desaturate by 10%, it is **83.5075, 90.8258, 96.1040**.

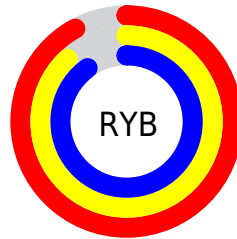
Distribution



Red (92%)

Green (88%)

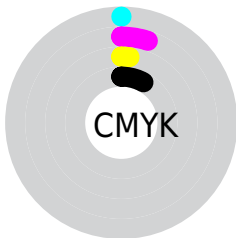
Blue (90%)



Red (92%)

Yellow (88%)

Blue (90%)

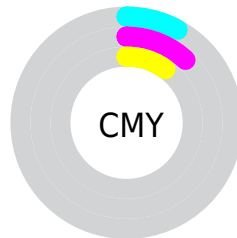


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1995, 76.6866, 85.7015 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 75.1995, 76.6866, 85.7015 by changing the saturation by 10% instead.

75.1995, 76.6866,
85.7015

75.1995, 76.6866,
85.7015

467.5896,
483.6948, 534.1514

56.0711, 56.9957,
63.8677

125.5811,
128.6970, 143.2357

40.4971, 41.0018,
46.0980

157.5650,
161.7853, 179.7732

28.1123, 28.3205,
31.9740

194.5649,
200.1081, 222.0490

18.5512, 18.5674,
21.0770

236.9459,
244.0499, 270.4816

11.4485, 11.3581,
12.9885

285.0736,
293.9951, 325.4897

6.4389, 6.3082,
7.2900

339.3131,

3.1569, 3.0334,

350.3281, 387.4916

3.5629

400.0301,
413.4332, 456.9060

■ 1.2373, 1.1492,
1.3888

■ 0.1355, 0.0196,
0.1329

■ 75.1995, 76.6866,
85.7015

■ 75.1995, 76.6866,
85.7015

■ 67.8608, 64.3366,
76.0778

■ 83.5075, 90.8258,
96.1040

■ 61.4475, 53.6939,
67.2075

■ 87.4928, 96.1709,
105.5264

■ 55.9222, 44.6853,
59.0707

■ 88.0714, 96.4024,
108.5734

■ 51.2422, 37.2280,
51.6447

■ 47.3611, 31.2322,
44.9052

■ 44.2278, 26.5987,
38.8261

■ 41.7849, 23.2159,
33.3789

■ 39.9662, 20.9539,
28.5318

■ 38.6905, 19.6543,
24.2476

Harmonies

Analogous

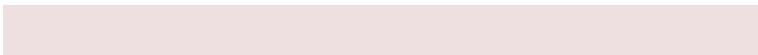
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4995, 76.6866, 88.7723



75.1995, 76.6866, 85.7015



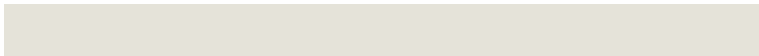
75.2759, 76.6866, 82.1223

Triad

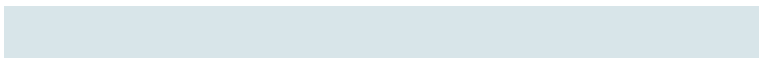
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1995, 76.6866, 85.7015



72.4061, 76.6866, 76.9151



71.0992, 76.6866, 88.1638

Complementary

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



75.1995, 76.6866, 85.7015



74.5945, 80.9231, 85.8208

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.



70.5517, 76.6866, 84.8903



75.1995, 76.6866, 85.7015



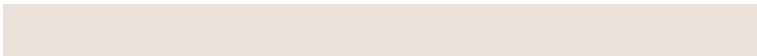
71.3005, 76.6866, 78.4382

Square

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



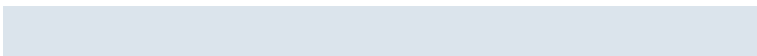
75.1995, 76.6866, 85.7015



73.6535, 76.6866, 77.1182



70.6250, 76.6866, 81.3339



72.1285, 76.6866, 90.2218

Rectangle

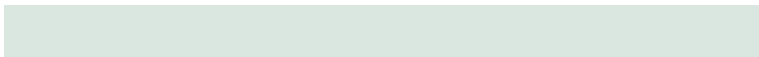
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1995, 76.6866, 85.7015



74.9620, 76.6866, 79.9364



70.6250, 76.6866, 81.3339



70.8533, 76.6866, 87.1652

Sweetspot

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



75.2017, 76.6899, 85.7032



94.0558, 98.3093, 107.6504



73.9510, 75.9629, 89.3630



20.1423, 21.0601, 23.0548



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.



75.2017, 76.6899, 85.7032



89.2618, 90.1837, 101.5446



74.4485, 76.3887, 81.7371



15.8673, 15.9641, 18.0356



21.3069, 10.7254, 12.6834



1.7215, 0.8616, 1.2510

Inverse Universe

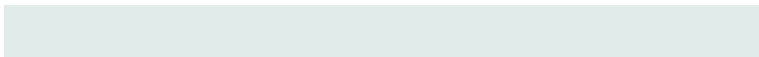
The Inverse Universe completely reimagines the original color for something new.



75.2017, 76.6899, 85.7032



89.2618, 90.1837, 101.5446



75.3672, 81.2321, 89.8896



15.8673, 15.9641, 18.0356



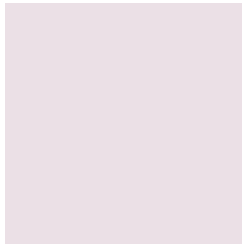
21.3069, 10.7254, 12.6834



1.7215, 0.8616, 1.2510

Previews

White Background



This preview shows how the XYZ color 75.1995, 76.6866, 85.7015 looks on a white background.

Color Contrast Check

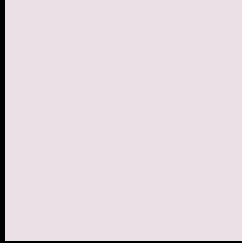
Large Text (above 18pt) WCAG AA × Fail

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 75.1995, 76.6866, 85.7015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

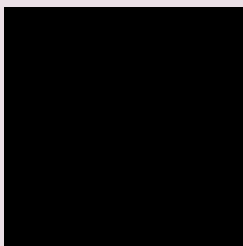
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

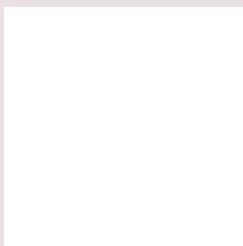
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1995, 76.6866, 85.7015

Background



This preview shows how black text looks on a background with the XYZ color 75.1995, 76.6866, 85.7015.

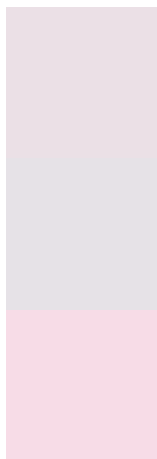


This preview shows how white text looks on a background with the XYZ color 75.1995, 76.6866,

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

75.1995, 76.6866, 85.7015

Protanopia

74.2533, 76.9852, 86.5474

Deuteranopia

78.3748, 76.7301, 86.2809



Tritanopia

76.4415, 76.3667, 93.1494

Trichromacy



Original Color

75.1995, 76.6866, 85.7015

Protanomaly

74.6277, 76.7758, 86.4872

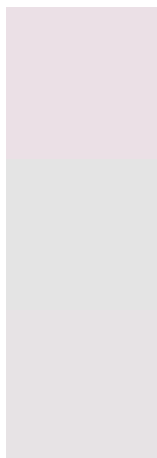
Deuteranomaly

77.2424, 76.5371, 86.3033

Tritanomaly

76.1201, 76.6643, 90.1426

Monochromacy



Original Color

75.1995, 76.6866, 85.7015

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 75.1995, 76.6866, 85.7015 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 230) }
```

Border

The CSS property to change the border of an element to XYZ 75.1995, 76.6866, 85.7015 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, 230) }
```


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

```
.border{ border-color:rgb(235, 224, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 224, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 224, 230); box-shadow:4px 4px 4px 4px rgb(235, 224, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1995, 76.6866, 85.7015 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, 230) }
```

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

```
.background{ background-color: rgb(235,  
224, 230) }
```

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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