

Converting Colors

XYZ(77.5433, 76.6599, 87.8780)

Have a look what the booklet for
XYZ(77.5433, 76.6599, 87.8780)
contains.

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Color

**XYZ(77.5266, 76.6508,
87.7998)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F3DDE9 |
| RGB | 243, 221, 233 |
| RGB Percent | 95%, 87%, 91% |
| CMY | 0.0471, 0.1333, 0.0863 |
| CMYK | 0.00, 0.09, 0.04, 0.05 |
| HSL | 327°, 48%, 91% |
| HSV | 327°, 9%, 95% |
| XYZ | 77.5266, 76.6508, 87.7998 |
| YIQ | 228.9460, 9.2600, 8.3960 |

Conversions

Conversions Part 2

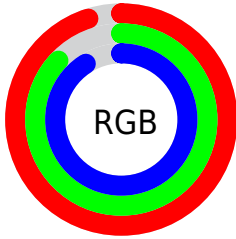
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 243, 221, 233 |
| Decimal | 15982057 |
| CIE Lab | 90.16, 9.58, -3.12 |
| CIE LCh | 90, 10.075, 341.965 |
| Yxy | 76.6508, 0.3204, 0.3168 |
| Android (android.graphics.Color) | 4294172137 (0xFFFF3DDE9) |
| YUV | 228.9460, 1.9986, 12.3254 |
| Hunter-Lab | 87.5504, 4.8499, 1.8264 |

Details

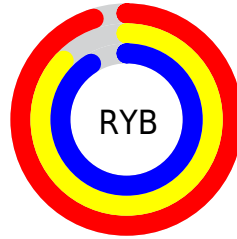
The XYZ color **77.5266, 76.6508, 87.7998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2961, 85.2449, 88.0381**, and the grayscale version is **74.4194, 78.2950, 85.2632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0655, 41.0116, 47.2939** is the 20% darker color. If you saturate the color by 10%, you get **70.0407, 64.1253, 77.7608**, and if you desaturate by 10%, it is **86.0442, 91.0796, 98.6721**.

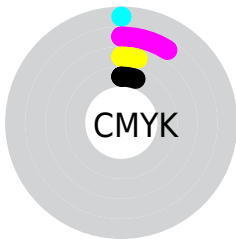
Distribution



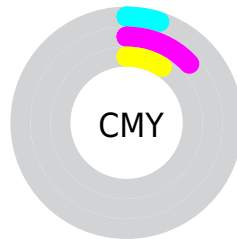
- Red (95%)
- Green (87%)
- Blue (91%)



- Red (95%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5266, 76.6508, 87.7998 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 77.5266, 76.6508, 87.7998 by changing the saturation by 10% instead.

77.5266, 76.6508,
87.7998

77.5266, 76.6508,
87.7998

475.4221,
483.5726, 541.2317

57.9866, 56.9663,
65.5939

128.8515,
128.6464, 146.1871

42.0411, 40.9782,
47.4884

161.3670,
161.7264, 183.2055

29.3247, 28.3020,
33.0648

198.9385,
200.0403, 225.9986

19.4721, 18.5535,
21.9046

241.9313,
243.9725, 274.9848

12.1179, 11.3481,
13.5892

290.7107,
293.9074, 330.5827

6.8968, 6.3015,
7.7000

345.6420,

3.4434, 3.0292,

350.2295, 393.2107

3.8186

407.0907,
413.3231, 463.2876

■ 1.3924, 1.1470,
1.5264

■ 0.2508, 0.0178,
0.2374

■ 77.5266, 76.6508,
87.7998

■ 77.5266, 76.6508,
87.7998

■ 70.0407, 64.1253,
77.7608

■ 86.0442, 91.0796,
98.6721

■ 63.5386, 53.4130,
68.5274

■ 90.7726, 97.7949,
108.6998

■ 57.9779, 44.4313,
60.0774

■ 53.3107, 37.0874,
52.3856

■ 49.4846, 31.2795,
45.4246

■ 46.4415, 26.8945,
39.1652

■ 44.1150, 23.8034,
33.5749

■ 42.4272, 21.8535,
28.6171

■ 41.2610, 20.8143,
24.2414

Harmonies

Analogous

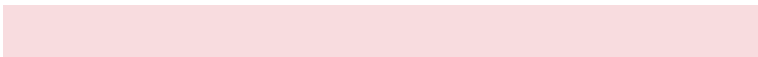
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1197, 76.6508, 94.1326



77.5266, 76.6508, 87.7998



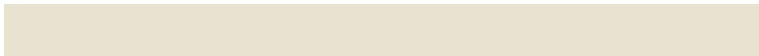
77.6642, 76.6508, 80.6350

Triad

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



77.5266, 76.6508, 87.7998



71.8612, 76.6508, 70.6900



69.3343, 76.6508, 93.0187

Complementary

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



77.5266, 76.6508, 87.7998



76.2961, 85.2449, 88.0381

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.



68.2472, 76.6508, 86.3495



77.5266, 76.6508, 87.7998



69.6836, 76.6508, 73.6256

Square

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



77.5266, 76.6508, 87.7998



74.3544, 76.6508, 71.0288



68.3736, 76.6508, 79.2650



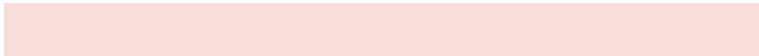
71.3745, 76.6508, 97.2624

Rectangle

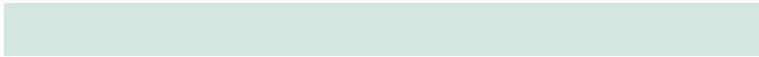
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5266, 76.6508, 87.7998



77.0137, 76.6508, 76.3741



68.3736, 76.6508, 79.2650



68.8474, 76.6508, 90.9705

Sweetspot

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



77.5288, 76.6541, 87.8015



92.1029, 94.9938, 105.1802



74.9598, 75.1600, 95.3517



19.5491, 20.0533, 22.3032



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

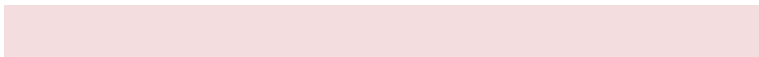
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5288, 76.6541, 87.8015



84.7597, 82.5965, 95.6749



76.0196, 76.0504, 79.8539



16.8772, 16.6337, 19.1000



22.6607, 11.4077, 13.4537



2.0435, 1.0234, 1.4553

Inverse Universe

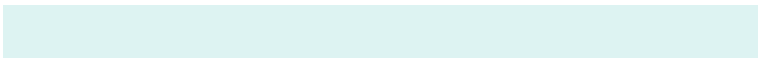
The Inverse Universe completely reimagines the original color for something new.



77.5288, 76.6541, 87.8015



84.7597, 82.5965, 95.6749



77.8838, 85.8800, 96.3985



16.8772, 16.6337, 19.1000



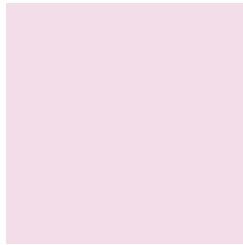
22.6607, 11.4077, 13.4537



2.0435, 1.0234, 1.4553

Previews

White Background



This preview shows how the XYZ color 77.5266, 76.6508, 87.7998 looks on a white background.

Color Contrast Check

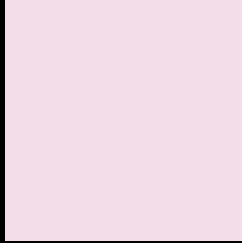
Large Text (above 18pt) WCAG AA × Fail

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 77.5266, 76.6508, 87.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

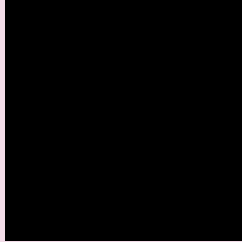
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5266, 76.6508, 87.7998

Background



This preview shows how black text looks on a background with the XYZ color 77.5266, 76.6508, 87.7998.



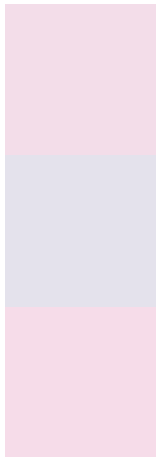
This preview shows how white text looks on a background with the XYZ color 77.5266, 76.6508,

87.7998.

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

77.5266, 76.6508, 87.7998

Protanopia

74.3316, 76.9428, 90.2906

Deuteranopia

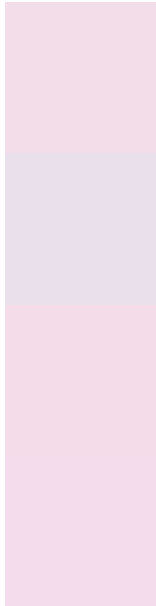
78.3072, 76.6624, 87.7609



Tritanopia

78.3340, 76.5925, 91.5441

Trichromacy



Original Color

77.5266, 76.6508, 87.7998

Protanomaly

75.2553, 76.6331, 89.4225

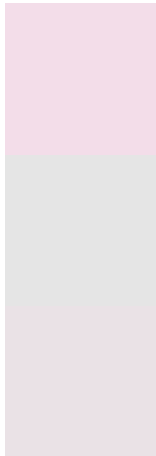
Deuteranomaly

77.9574, 76.4821, 87.7445

Tritanomaly

78.0417, 76.4756, 90.0049

Monochromacy



Original Color

77.5266, 76.6508, 87.7998

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4110, 77.5983, 85.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5266, 76.6508, 87.7998 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(243, 221, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 233)  
}
```

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(243, 221, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 233) }
```

Border

The CSS property to change the border of an element to XYZ 77.5266, 76.6508, 87.7998 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(243, 221, 233) }
```


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

```
.border{ border-color:rgb(243, 221, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 221, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 221, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 221,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5266, 76.6508, 87.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 233) }
```

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

```
.background{ background-color: rgb(243,  
221, 233) }
```

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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