

Converting Colors

XYZ(78.4126, 82.6665, 78.0140)

Have a look what the booklet for
XYZ(78.4126, 82.6665, 78.0140)
contains.

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Color

**XYZ(78.3533, 82.6084,
78.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EADA
RGB	241, 234, 218
RGB Percent	95%, 92%, 85%
CMY	0.0549, 0.0823, 0.1451
CMYK	0.00, 0.03, 0.10, 0.05
HSL	42°, 45%, 90%
HSV	42°, 10%, 95%
XYZ	78.3533, 82.6084, 78.1450
YIQ	234.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

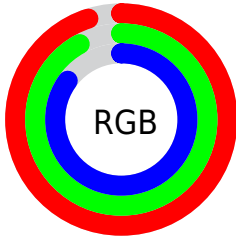
Format	Color
R _Y B	228, 241, 218
Decimal	15854298
CIE Lab	92.84, -0.33, 8.60
CIE LCh	93, 8.601, 92.171
Yxy	82.6084, 0.3277, 0.3455
Android (android.graphics.Color)	4294044378 (0xFFFF1EADA)
YUV	234.2690, -8.0206, 5.9031
Hunter-Lab	90.8892, -5.1756, 12.6459

Details

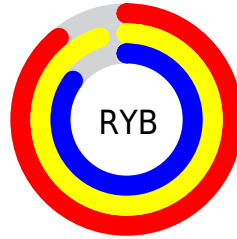
The XYZ color **78.3533, 82.6084, 78.1450** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.7156, 75.1052, 93.9367**, and the grayscale version is **78.4664, 82.5527, 89.8999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5388, 44.7994, 41.0554** is the 20% darker color. If you saturate the color by 10%, you get **73.3831, 77.3528, 62.0439**, and if you desaturate by 10%, it is **83.8730, 88.2274, 96.6936**.

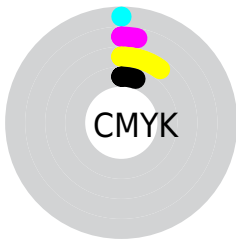
Distribution



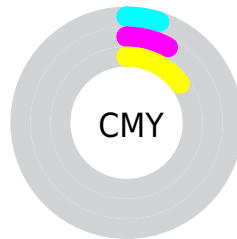
- Red (95%)
- Green (92%)
- Blue (85%)



- Red (89%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3533, 82.6084, 78.1450 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 78.3533, 82.6084, 78.1450 by changing the saturation by 10% instead.


 78.3533, 82.6084,
78.1450

 78.3533, 82.6084,
78.1450

478.1873,
503.6805, 508.2001

 58.6680, 61.8672,
57.6759


130.0108,
137.0269, 132.5422

 42.5913, 44.9254,
41.1352

162.7137,
171.4729, 167.3075

 29.7577, 31.3986,
28.1043


200.4866,
211.2559, 207.6752

 19.8019, 20.9026,
18.1645

243.6947,
256.7604, 254.0640

 12.3586, 13.0528,
10.8975

292.7035,
308.3707, 306.8923

 7.0623, 7.4649,
5.8847

347.8783,

 3.5478, 3.7545,

366.4712, 366.5788

2.7074

409.5845,
431.4463, 433.5418

■ 1.4496, 1.5372,
0.9472

■ 0.2912, 0.3147,
0.0000

■ 78.3533, 82.6084,
78.1450

■ 78.3533, 82.6084,
78.1450

■ 73.3831, 77.3528,
62.0439

■ 83.8730, 88.2274,
96.6936

■ 68.9349, 72.4397,
48.2809

■ 88.0983, 93.4657,
108.0051

■ 64.9887, 67.8623,
36.7460

■ 90.0859, 97.4409,
108.6677

■ 61.5207, 63.6093,
27.3184

■ 58.5045, 59.6684,
19.8658

■ 55.9113, 56.0262,
14.2406

■ 53.7079, 52.6677,
10.2743

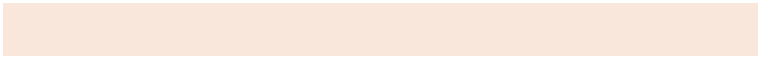
■ 51.8553, 49.5754,
7.7671

■ 50.2917, 46.7228,
6.3994

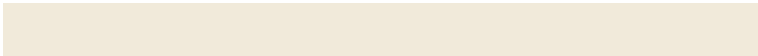
Harmonies

Analogous

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



80.5501, 82.6084, 79.4464



78.3533, 82.6084, 78.1450



76.2398, 82.6084, 79.8786

Triad

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



78.3533, 82.6084, 78.1450



74.9178, 82.6084, 96.6938



82.3981, 82.6084, 95.8446

Complementary

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



78.3533, 82.6084, 78.1450



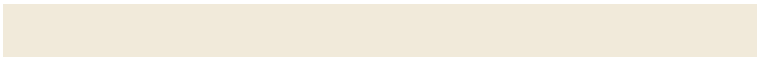
71.7156, 75.1052, 93.9367

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.



80.8387, 82.6084, 100.8267



78.3533, 82.6084, 78.1450



76.5180, 82.6084, 101.3333

Square

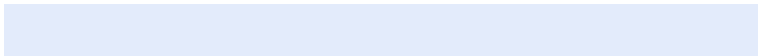
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



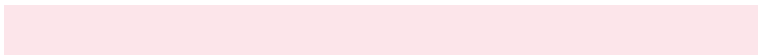
78.3533, 82.6084, 78.1450



74.2800, 82.6084, 90.4159



78.6805, 82.6084, 102.8801



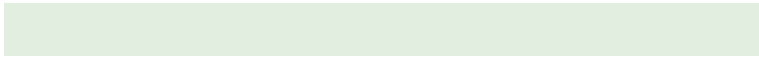
82.9117, 82.6084, 89.4787

Rectangle

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



78.3533, 82.6084, 78.1450



75.1550, 82.6084, 82.5725



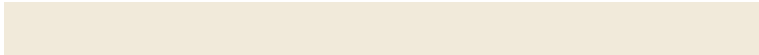
78.6805, 82.6084, 102.8801



81.9774, 82.6084, 97.7469

Sweetspot

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



78.3556, 82.6120, 78.1468



93.1048, 98.0415, 102.2959



74.9773, 74.2964, 81.8269



19.8191, 20.8742, 21.5271



0.0000, 0.0000, 0.0000



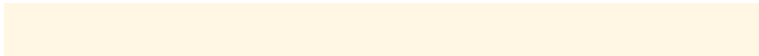
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3556, 82.6120, 78.1468



88.1968, 93.0005, 85.9393



78.9638, 85.9406, 78.7572



16.6936, 17.6003, 16.6671



27.3594, 25.5169, 3.4833



2.3632, 2.2972, 0.3188

Inverse Universe

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



71.7156, 75.1052, 93.9367



79.5590, 83.2353, 106.4805



71.1403, 72.0587, 93.3790



15.2893, 16.0126, 20.0065



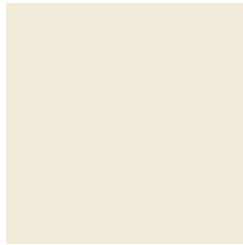
10.0163, 6.2568, 45.8076



0.9177, 0.6893, 3.8389

Previews

White Background



This preview shows how the XYZ color 78.3533, 82.6084, 78.1450 looks on a white background.

Color Contrast Check

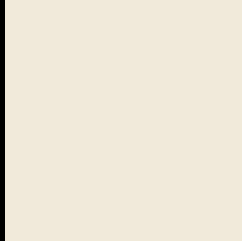
Large Text (above 18pt) WCAG AA × Fail

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 78.3533, 82.6084, 78.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

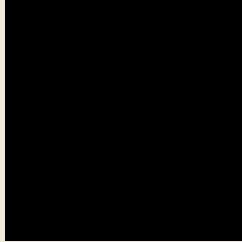
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

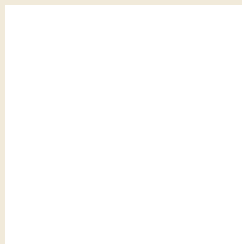
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3533, 82.6084, 78.1450

Background



This preview shows how black text looks on a background with the XYZ color 78.3533, 82.6084, 78.1450.



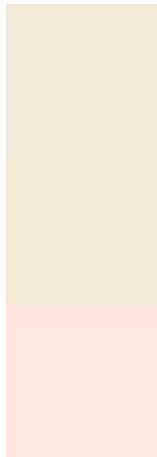
This preview shows how white text looks on a background with the XYZ color 78.3533, 82.6084,

78.1450.

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

78.3533, 82.6084, 78.1450

Protanopia

79.0399, 82.9623, 78.1771

Deuteranopia

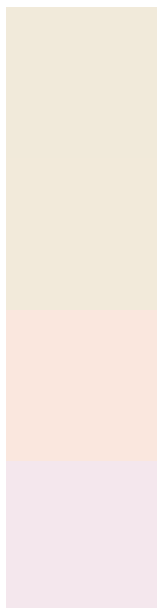
82.7139, 82.6804, 82.1204



Tritanopia

82.8963, 82.7834, 100.4166

Trichromacy



Original Color

78.3533, 82.6084, 78.1450

Protanomaly

78.6957, 82.7848, 78.1610

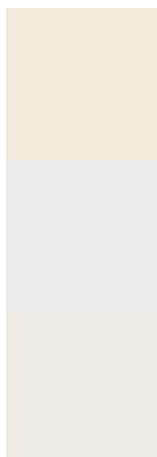
Deuteranomaly

81.1851, 82.7497, 80.8006

Tritanomaly

81.1702, 82.4993, 91.7666

Monochromacy



Original Color

78.3533, 82.6084, 78.1450

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.3515, 82.4516, 85.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3533, 82.6084, 78.1450 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(241, 234, 218) looks like.

```
.text, #text, p{  
    color:rgb(241, 234, 218)  
}
```

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(241, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 234, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.3533, 82.6084, 78.1450 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(241, 234, 218) }
```


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

```
.border{ border-color:rgb(241, 234, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 234, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 234,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3533, 82.6084, 78.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 234, 218) }
```

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

```
.background{ background-color: rgb(241,  
234, 218) }
```

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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