

Converting Colors

XYZ(78.0202, 78.7186, 82.4747)

Have a look what the booklet for
XYZ(78.0202, 78.7186, 82.4747)
contains.

| | |
|--|----|
| XYZ(77.8240, 78.5198, 82.2882) | 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(77.8240, 78.5198,
82.2882)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | F4E1E1 |
| RGB | 244, 225, 225 |
| RGB Percent | 96%, 88%, 88% |
| CMY | 0.0431, 0.1176, 0.1176 |
| CMYK | 0.00, 0.08, 0.08, 0.04 |
| HSL | 0°, 46%, 92% |
| HSV | 0°, 8%, 96% |
| XYZ | 77.8240, 78.5198, 82.2882 |
| YIQ | 230.6810, 11.3240, 4.0280 |

Conversions

Conversions Part 2

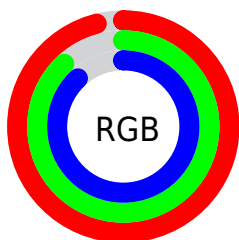
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 225, 225 |
| Decimal | 16048609 |
| CIELab | 91.02, 6.49, 2.34 |
| CIELCh | 91, 6.895, 19.805 |
| Yxy | 78.5198, 0.3261, 0.3290 |
| Android (android.graphics.Color) | 4294238689 (0xFFFF4E1E1) |
| YUV | 230.6810, -2.8007, 11.6808 |
| Hunter-Lab | 88.6114, 1.6998, 6.9688 |

Details

The XYZ color 77.8240, 78.5198, 82.2882 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 79.7307, 87.2388, 98.2252, and the grayscale version is 75.7347, 79.6788, 86.7702.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 42.3695, 42.3431, 43.9701 is the 20% darker color. If you saturate the color by 10%, you get 68.6005, 65.0240, 63.9481, and if you desaturate by 10%, it is 88.4697, 94.0971, 103.4510.

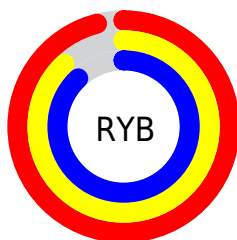
Distribution



Red (96%)

Green (88%)

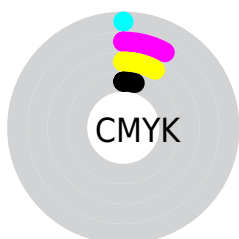
Blue (88%)



Red (96%)

Yellow (88%)

Blue (88%)

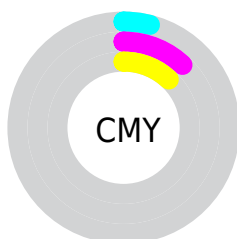


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (4%)



Cyan (4%)


Magenta (12%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8240, 78.5198, 82.2882 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 77.8240, 78.5198, 82.2882 by changing the saturation by 10% instead.


 77.8240, 78.5198,
82.2882

 77.8240, 78.5198,
82.2882


476.4179,
489.9303, 522.5199

 58.2317, 58.5011,
61.0659

129.2687,
131.2826, 138.4184

 42.2389, 42.2116,
43.8475


161.8517,
164.7955, 174.1634

 29.4803, 29.2670,
30.2143


199.4958,
203.5752, 215.5864

 19.5906, 19.2829,
19.7479


242.5661,
248.0062, 263.1059

 12.2043, 11.8749,
12.0296

291.4282,
298.4728, 317.1404

 6.9562, 6.6585,
6.6411

346.4472,


 3.4808, 3.2495,


355.3594, 378.1086


3.1636


407.9887,
419.0505, 446.4289

 1.4128, 1.2633,
1.1788


 0.2653, 0.1125,
0.0000


 77.8240, 78.5198,
82.2882


 77.8240, 78.5198,
82.2882


 68.6005, 65.0240,
63.9481

 88.4697, 94.0971,
103.4510

 60.7329, 53.5117,
48.3066

 91.1186, 97.9733,
108.7160

 54.1593, 43.8927,
35.2381

 48.8103, 36.0657,
24.6048

■ 44.6104, 29.9198,
16.2561

■ 41.4754, 25.3321,
10.0248

■ 39.3097, 22.1627,
5.7208

■ 38.0009, 20.2470,
3.1202

■ 37.3974, 19.3635,
1.9216

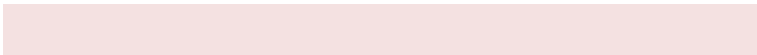
Harmonies

Analogous

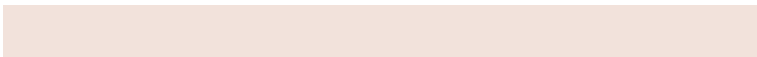
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9733, 78.5198, 87.2025



77.8240, 78.5198, 82.2882



76.8116, 78.5198, 78.3804

Triad

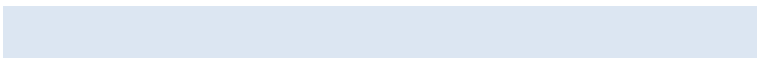
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8240, 78.5198, 82.2882



72.1034, 78.5198, 79.4567



74.0399, 78.5198, 95.2794

Complementary

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



77.8240, 78.5198, 82.2882



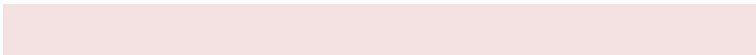
79.7307, 87.2388, 98.2252

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.



72.4915, 78.5198, 93.0270



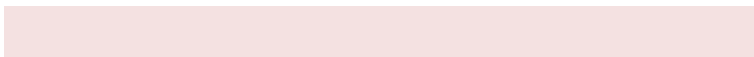
77.8240, 78.5198, 82.2882



71.3850, 78.5198, 83.8093

Square

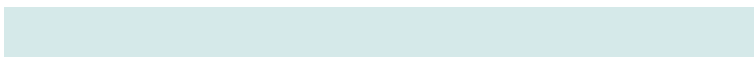
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8240, 78.5198, 82.2882



73.5025, 78.5198, 76.7902



71.5260, 78.5198, 88.7835



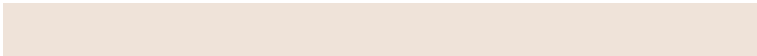
75.7704, 78.5198, 94.8334

Rectangle

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



77.8240, 78.5198, 82.2882



75.7921, 78.5198, 76.8110



71.5260, 78.5198, 88.7835



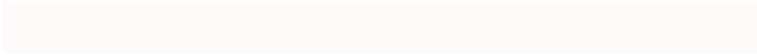
73.4813, 78.5198, 94.8094

Sweetspot

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



77.8262, 78.5232, 82.2899



92.6345, 96.4657, 104.0977



80.5635, 79.6162, 96.7100



19.8529, 20.6846, 22.3315



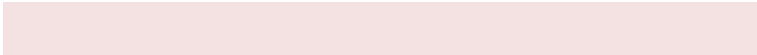
0.0000, 0.0000, 0.0000



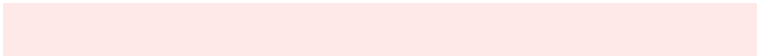
20.3446, 21.4041, 23.3091

Same Dimension

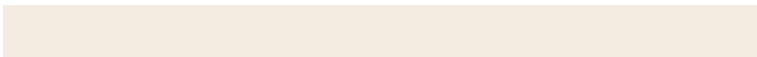
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8262, 78.5232, 82.2899



84.6848, 84.8334, 88.2923



80.4651, 83.8011, 83.1695



16.4995, 16.4831, 17.1095



20.2866, 10.4588, 0.9495



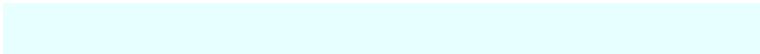
1.7831, 0.9194, 0.0835

Inverse Universe

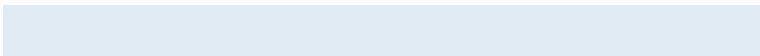
The Inverse Universe completely reimagines the original color for something new.



79.7307, 87.2388, 98.2252



87.1032, 95.9008, 108.5276



76.9468, 81.6710, 97.2973



16.9964, 18.7571, 21.2673



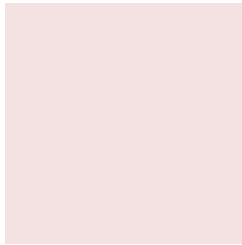
26.4603, 38.7143, 52.6160



2.3257, 3.4028, 4.6245

Previews

White Background



This preview shows how the XYZ color 77.8240, 78.5198, 82.2882 looks on a white background.

Color Contrast Check

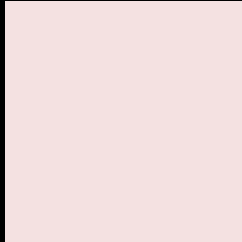
Large Text (above 18pt) WCAG AA × Fail

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 77.8240, 78.5198, 82.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

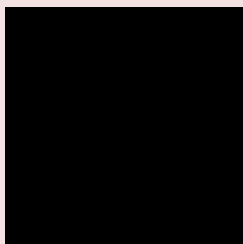
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

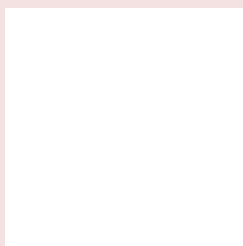
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.8240, 78.5198, 82.2882

Background



This preview shows how black text looks on a background with the XYZ color 77.8240, 78.5198, 82.2882.

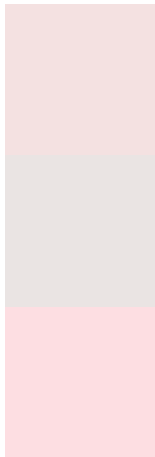


This preview shows how white text looks on a background with the XYZ color 77.8240, 78.5198,

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

77.8240, 78.5198, 82.2882

Protanopia

75.5402, 78.5253, 83.8485

Deuteranopia

80.3568, 78.6162, 82.8907



Tritanopia

80.1219, 78.6595, 93.3980

Trichromacy



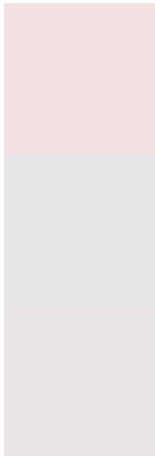
Original Color
77.8240, 78.5198, 82.2882

Protanomaly
76.4564, 78.6063, 83.0944

Deuteranomaly
79.5395, 78.5903, 82.9288

Tritanomaly
79.3072, 78.7219, 89.6122

Monochromacy



Original Color
77.8240, 78.5198, 82.2882

Achromatopsia
75.9547, 79.9103, 87.0223

Achromatomaly
76.7542, 79.5286, 85.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8240, 78.5198, 82.2882 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(244, 225, 225) looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 225)  
}
```

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(244, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.8240, 78.5198, 82.2882 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(244, 225, 225) }
```


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

```
.border{ border-color:rgb(244, 225, 225) }
```

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

Here you see how a box with a 4 pixel rgb(244, 225, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8240, 78.5198, 82.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 225) }
```

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

```
.background{ background-color: rgb(244,  
225, 225) }
```

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