

Converting Colors

XYZ(81.4992, 82.7522, 88.0212)

Have a look what the booklet for
XYZ(81.4992, 82.7522, 88.0212)
contains.

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Color

**XYZ(81.4992, 82.7522,
88.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E7E8
RGB	247, 231, 232
RGB Percent	97%, 91%, 91%
CMY	0.0314, 0.0941, 0.0902
CMYK	0.00, 0.06, 0.06, 0.03
HSL	356°, 50%, 94%
HSV	356°, 6%, 97%
XYZ	81.4992, 82.7522, 88.0212
YIQ	235.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

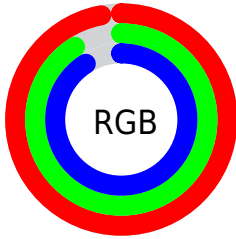
Format	Color
R _Y B	247, 231, 232
Decimal	16246760
CIE Lab	92.91, 5.59, 1.46
CIE LCh	93, 5.781, 14.602
Yxy	82.7522, 0.3231, 0.3280
Android (android.graphics.Color)	4294436840 (0xFF7E7E8)
YUV	235.8980, -1.9217, 9.7365
Hunter-Lab	90.9682, 0.7252, 6.3085

Details

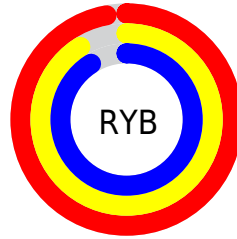
The XYZ color **81.4992, 82.7522, 88.0212** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.8535, 90.1664, 100.2304**, and the grayscale version is **79.6621, 83.8107, 91.2699**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6523, 44.8709, 47.3818** is the 20% darker color. If you saturate the color by 10%, you get **71.9919, 68.6599, 69.6754**, and if you desaturate by 10%, it is **92.1683, 98.5144, 108.7651**.

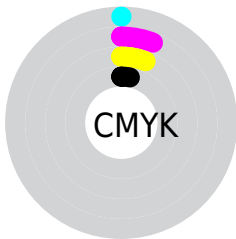
Distribution



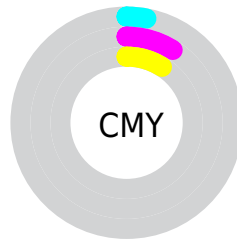
- Red (97%)
- Green (91%)
- Blue (91%)



- Red (97%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4992, 82.7522, 88.0212 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 81.4992, 82.7522, 88.0212 by changing the saturation by 10% instead.


 81.4992, 82.7522,
88.0212

 81.4992, 82.7522,
88.0212

488.6309,
504.1603, 541.9758

 61.2655, 61.9857,
65.7762


134.4110,
137.2283, 146.4981

 44.6928, 45.0212,
47.6354


167.8198,
171.7068, 183.5670

 31.4158, 31.4741,
33.1803


206.3510,
211.5248, 226.4143

 21.0691, 20.9601,
21.9924

250.3700,
257.0666, 275.4586

 13.2872, 13.0949,
13.6530

300.2422,
308.7166, 331.1183

 7.7050, 7.4939,
7.7438

356.3328,

 3.9570, 3.7729,

366.8593, 393.8121

3.8460

419.0073,
431.8791, 463.9584

■ 1.6778, 1.5473,
1.5413

■ 0.4423, 0.3217,
0.2484

■ 81.4992, 82.7522,
88.0212

■ 81.4992, 82.7522,
88.0212

■ 71.9919, 68.6599,
69.6754

■ 92.1683, 98.5144,
108.7651

■ 63.8341, 56.6004,
53.8347

■ 56.9666, 46.4833,
40.3921

■ 51.3233, 38.2070,
29.2305

■ 46.8321, 31.6608,
20.2234

■ 43.4136, 26.7219,
13.2317

■ 40.9778, 23.2516,
8.1000

■ 39.4205, 21.0876,
4.6504

■ 38.6128, 20.0274,
2.6697

Harmonies

Analogous

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



81.4885, 82.7522, 92.3309



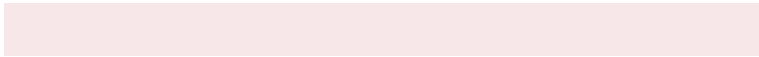
81.4992, 82.7522, 88.0212



80.7407, 82.7522, 84.3847

Triad

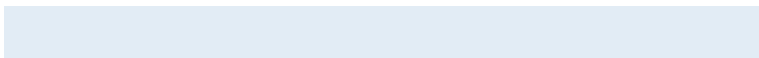
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4992, 82.7522, 88.0212



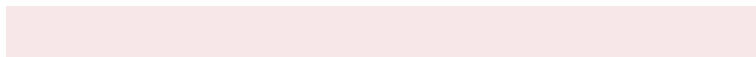
76.6306, 82.7522, 84.3065



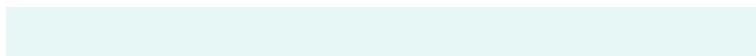
77.8844, 82.7522, 98.3672

Complementary

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



81.4992, 82.7522, 88.0212



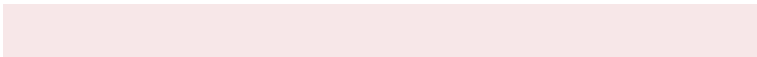
82.8535, 90.1664, 100.2304

Split Complementary

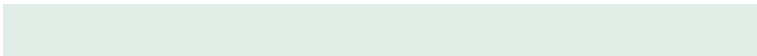
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6026, 82.7522, 96.0741



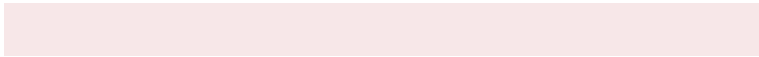
81.4992, 82.7522, 88.0212



75.8850, 82.7522, 87.9113

Square

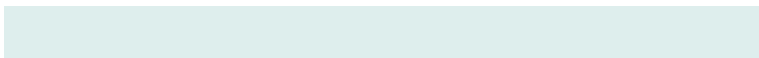
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4992, 82.7522, 88.0212



77.9232, 82.7522, 82.2871



75.8748, 82.7522, 92.2175



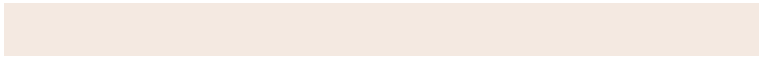
79.3884, 82.7522, 98.3990

Rectangle

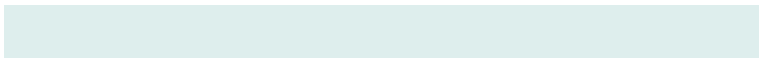
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



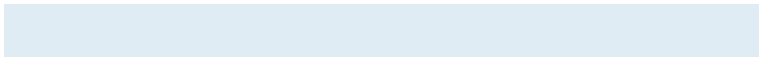
81.4992, 82.7522, 88.0212



79.9064, 82.7522, 82.7922



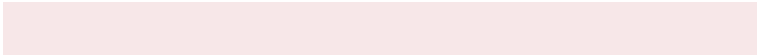
75.8748, 82.7522, 92.2175



77.4137, 82.7522, 97.8321

Sweetspot

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



81.5015, 82.7558, 88.0230



92.6840, 96.4849, 104.3598



83.3495, 83.4517, 99.7116



19.8630, 20.6885, 22.3849



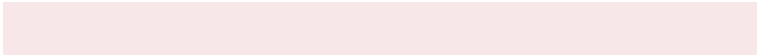
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

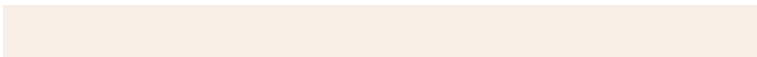
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5015, 82.7558, 88.0230



85.9553, 86.4964, 91.4229



83.3392, 86.6568, 87.9397



16.5410, 16.4992, 17.3293



20.3500, 10.4834, 1.2857



1.8030, 0.9271, 0.1888

Inverse Universe

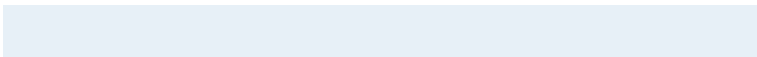
The Inverse Universe completely reimagines the original color for something new.



81.5015, 82.7558, 88.0230



85.9553, 86.4964, 91.4229



80.9263, 86.0668, 100.3441



16.5410, 16.4992, 17.3293



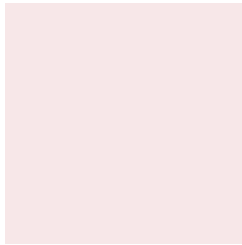
20.3500, 10.4834, 1.2857



1.8030, 0.9271, 0.1888

Previews

White Background



This preview shows how the XYZ color 81.4992, 82.7522, 88.0212 looks on a white background.

Color Contrast Check

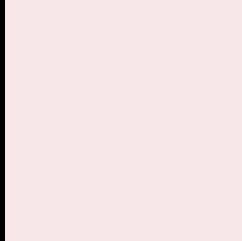
Large Text (above 18pt) WCAG AA × Fail

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 81.4992, 82.7522, 88.0212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

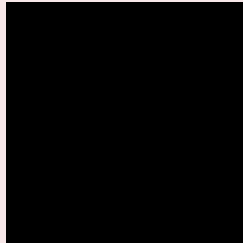
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

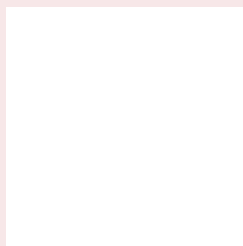
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4992, 82.7522, 88.0212

Background



This preview shows how black text looks on a background with the XYZ color 81.4992, 82.7522, 88.0212.

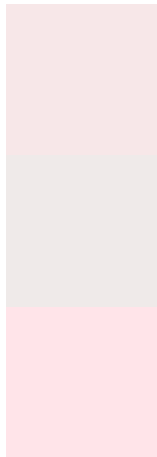


This preview shows how white text looks on a background with the XYZ color 81.4992, 82.7522,

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

81.4992, 82.7522, 88.0212

Protanopia

79.7274, 83.0796, 88.9247

Deuteranopia

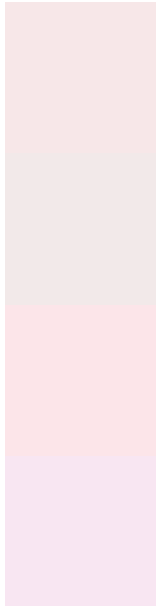
83.6914, 82.6300, 88.6290



Tritanopia

83.8747, 82.8938, 99.5751

Trichromacy



Original Color

81.4992, 82.7522, 88.0212

Protanomaly

80.4648, 83.0383, 88.8778

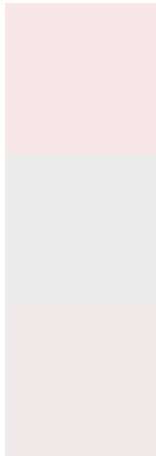
Deuteranomaly

82.8722, 82.6173, 88.6697

Tritanomaly

83.0352, 82.9609, 95.6410

Monochromacy



Original Color

81.4992, 82.7522, 88.0212

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3534, 83.3691, 90.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4992, 82.7522, 88.0212 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(247, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 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(247, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 232) }
```

Border

The CSS property to change the border of an element to XYZ 81.4992, 82.7522, 88.0212 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(247, 231, 232) }
```


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

```
.border{ border-color:rgb(247, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4992, 82.7522, 88.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 232) }
```

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

```
.background{ background-color: rgb(247,  
231, 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](#).

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