

Converting Colors

XYZ(82.1075, 82.1929, 87.7035)

Have a look what the booklet for
XYZ(82.1075, 82.1929, 87.7035)
contains.

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Color

**XYZ(82.0091, 82.1888,
87.8856)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5E8
RGB	250, 229, 232
RGB Percent	98%, 90%, 91%
CMY	0.0196, 0.1019, 0.0902
CMYK	0.00, 0.08, 0.07, 0.02
HSL	351°, 68%, 94%
HSV	351°, 8%, 98%
XYZ	82.0091, 82.1888, 87.8856
YIQ	235.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

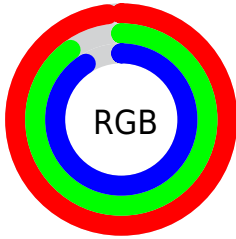
Format	Color
R _Y B	250, 229, 232
Decimal	16442856
CIE Lab	92.66, 7.65, 1.13
CIE LCh	93, 7.733, 8.373
Yxy	82.1888, 0.3253, 0.3260
Android (android.graphics.Color)	4294632936 (0xFFFAE5E8)
YUV	235.6210, -1.7852, 12.6104
Hunter-Lab	90.6580, 2.8192, 5.9838

Details

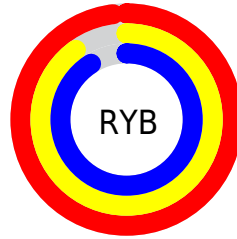
The XYZ color **82.0091, 82.1888, 87.8856** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2903, 91.7466, 101.3191**, and the grayscale version is **79.4480, 83.5855, 91.0246**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9648, 44.7441, 47.3409** is the 20% darker color. If you saturate the color by 10%, you get **72.7228, 68.1942, 70.6747**, and if you desaturate by 10%, it is **92.6674, 98.3313, 107.3877**.

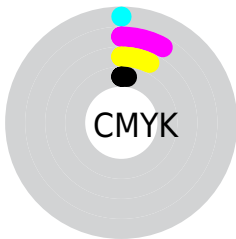
Distribution



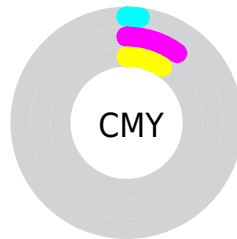
- Red (98%)
- Green (90%)
- Blue (91%)



- Red (98%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0091, 82.1888, 87.8856 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 82.0091, 82.1888, 87.8856 by changing the saturation by 10% instead.


 82.0091, 82.1888,
87.8856

 82.0091, 82.1888,
87.8856


490.3122,
502.2790, 541.5201

 61.6872, 61.5212,
65.6645

135.1225,
136.4387, 146.3076

 45.0346, 44.6459,
47.5454


168.6447,
170.7898, 183.3456

 31.6861, 31.1786,
33.1096


207.2977,
210.4709, 226.1597

 21.2762, 20.7349,
21.9386

251.4469,
255.8662, 275.1684

 13.4397, 12.9304,
13.6139

301.4575,
307.3603, 330.7903

 7.8111, 7.3806,
7.7169

357.6951,

 4.0251, 3.7012,

365.3376, 393.4438

3.8292

420.5248,
430.1823, 463.5476

■ 1.7163, 1.5079,
1.5321

■ 0.4665, 0.2943,
0.2417

■ 82.0091, 82.1888,
87.8856

■ 82.0091, 82.1888,
87.8856

■ 72.7228, 68.1942,
70.6747

■ 92.6674, 98.3313,
107.3877

■ 64.7460, 56.2467,
55.6655

■ 93.2347, 99.0642,
108.8150

■ 58.0215, 46.2533,
42.7703

■ 52.4850, 38.1099,
31.8938

■ 48.0668, 31.7024,
22.9330

■ 44.6896, 26.9043,
15.7760

■ 42.2660, 23.5718,
10.2988

■ 40.6941, 21.5351,
6.3617

■ 39.8361, 20.5583,
3.7971

Harmonies

Analogous

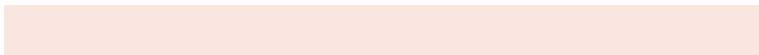
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7706, 82.1888, 93.6365



82.0091, 82.1888, 87.8856



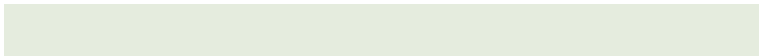
81.1910, 82.1888, 82.7850

Triad

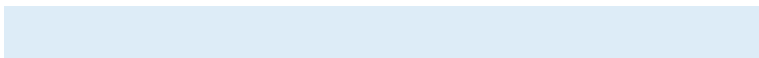
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0091, 82.1888, 87.8856



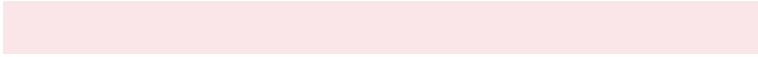
75.7404, 82.1888, 81.0797



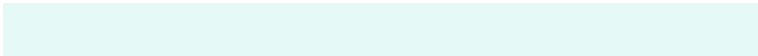
76.7005, 82.1888, 100.1918

Complementary

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



82.0091, 82.1888, 87.8856



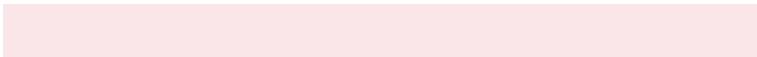
83.2903, 91.7466, 101.3191

Split Complementary

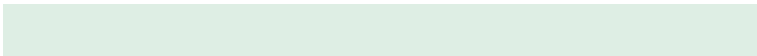
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1235, 82.1888, 96.5468



82.0091, 82.1888, 87.8856



74.5758, 82.1888, 85.4671

Square

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



82.0091, 82.1888, 87.8856



77.5559, 82.1888, 78.9675



74.3519, 82.1888, 91.1131



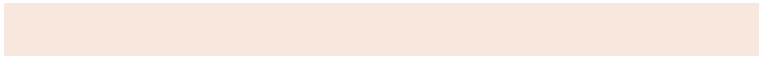
78.6828, 82.1888, 100.9072

Rectangle

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



82.0091, 82.1888, 87.8856



80.1647, 82.1888, 80.3814



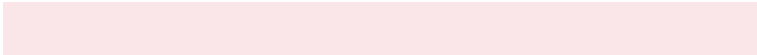
74.3519, 82.1888, 91.1131



76.1064, 82.1888, 99.2612

Sweetspot

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



82.0114, 82.1924, 87.8874



91.6198, 94.8006, 102.6360



83.5820, 82.6913, 101.9992



19.4190, 20.0013, 21.6180



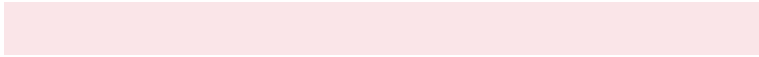
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

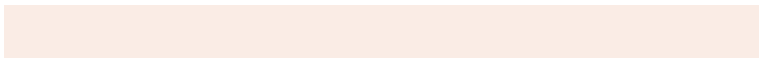
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0114, 82.1924, 87.8874



84.1256, 83.4668, 88.8713



83.6660, 86.1768, 86.3572



17.3455, 17.2655, 18.4090



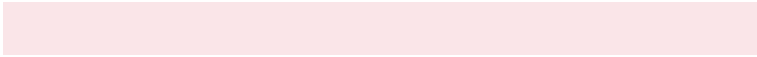
21.1089, 10.8593, 2.0158



1.9846, 1.0176, 0.3426

Inverse Universe

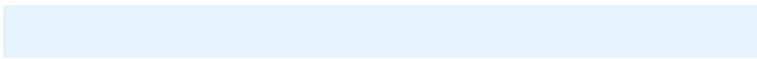
The Inverse Universe completely reimagines the original color for something new.



82.0114, 82.1924, 87.8874



84.1256, 83.4668, 88.8713



81.5173, 87.4548, 103.0274



17.3455, 17.2655, 18.4090



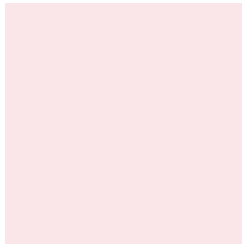
21.1089, 10.8593, 2.0158



1.9846, 1.0176, 0.3426

Previews

White Background



This preview shows how the XYZ color 82.0091, 82.1888, 87.8856 looks on a white background.

Color Contrast Check

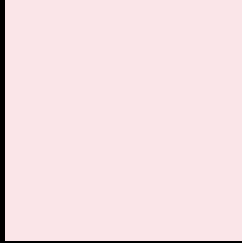
Large Text (above 18pt) WCAG AA × Fail

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 82.0091, 82.1888, 87.8856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

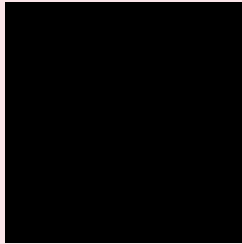
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

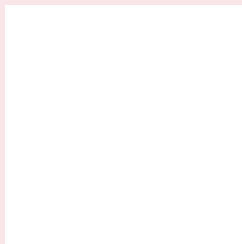
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0091, 82.1888, 87.8856

Background



This preview shows how black text looks on a background with the XYZ color 82.0091, 82.1888, 87.8856.



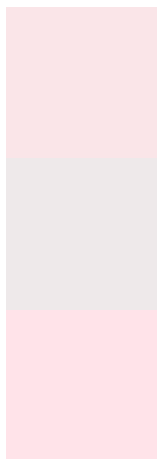
This preview shows how white text looks on a background with the XYZ color 82.0091, 82.1888,

87.8856.

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

82.0091, 82.1888, 87.8856

Protanopia

79.2501, 82.3955, 89.5689

Deuteranopia

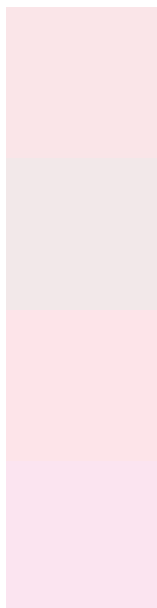
83.4171, 82.0814, 88.5375



Tritanopia

84.0954, 82.2262, 97.8251

Trichromacy



Original Color

82.0091, 82.1888, 87.8856

Protanomaly

80.1825, 82.4737, 88.7837

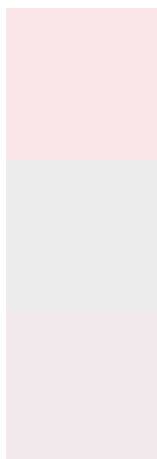
Deuteranomaly

82.9594, 82.2526, 88.5947

Tritanomaly

83.2552, 82.2873, 93.9331

Monochromacy



Original Color

82.0091, 82.1888, 87.8856

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4099, 82.9768, 90.3753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0091, 82.1888, 87.8856 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(250, 229, 232) looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 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(250, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 232) }
```

Border

The CSS property to change the border of an element to XYZ 82.0091, 82.1888, 87.8856 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(250, 229, 232) }
```


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

```
.border{ border-color:rgb(250, 229, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0091, 82.1888, 87.8856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 232) }
```

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

```
.background{ background-color: rgb(250,  
229, 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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