

Converting Colors

XYZ(80.8536, 82.6573, 88.3961)

Have a look what the booklet for
XYZ(80.8536, 82.6573, 88.3961)
contains.

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Color

**XYZ(80.7303, 82.7725,
88.0657)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E8E8
RGB	244, 232, 232
RGB Percent	96%, 91%, 91%
CMY	0.0431, 0.0902, 0.0902
CMYK	0.00, 0.05, 0.05, 0.04
HSL	0°, 35%, 93%
HSV	0°, 5%, 96%
XYZ	80.7303, 82.7725, 88.0657
YIQ	235.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

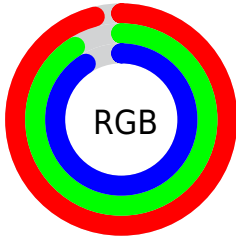
Format	Color
RYB	244, 232, 232
Decimal	16050408
CIELab	92.91, 4.06, 1.44
CIELCh	93, 4.306, 19.558
Yxy	82.7725, 0.3209, 0.3290
Android (android.graphics.Color)	4294240488 (0xFFFF4E8E8)
YUV	235.5880, -1.7689, 7.3773
Hunter-Lab	90.9794, -0.8225, 6.2944

Details

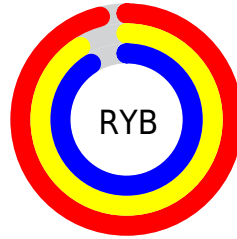
The XYZ color **80.7303, 82.7725, 88.0657** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9584, 88.3874, 98.3298**, and the grayscale version is **79.4251, 83.5614, 90.9984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1008, 44.8766, 47.4120** is the 20% darker color. If you saturate the color by 10%, you get **71.1067, 68.6916, 68.9289**, and if you desaturate by 10%, it is **91.1187, 97.9733, 108.7160**.

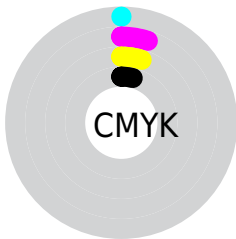
Distribution



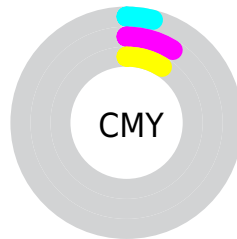
- Red (96%)
- Green (91%)
- Blue (91%)



- Red (96%)
- Yellow (91%)
- Blue (91%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7303, 82.7725, 88.0657 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 80.7303, 82.7725, 88.0657 by changing the saturation by 10% instead.

80.7303, 82.7725,
88.0657

80.7303, 82.7725,
88.0657

486.0897,
504.2280, 542.1252

60.6300, 62.0025,
65.8128

133.3371,
137.2568, 146.5606

44.1781, 45.0347,
47.6650

166.5744,
171.7398, 183.6396

31.0090, 31.4848,
33.2035

204.9215,
211.5627, 226.4979

20.7576, 20.9683,
22.0100

248.7435,
257.1098, 275.5538

13.0584, 13.1008,
13.6659

298.4061,
308.7655, 331.2260

7.5460, 7.4980,
7.7526

354.2744,

3.8552, 3.7754,

366.9141, 393.9329

3.8515

416.7138,
431.9402, 464.0931

■ 1.6205, 1.5488,
1.5443

■ 0.4057, 0.3227,
0.2506

■ 80.7303, 82.7725,
88.0657

■ 80.7303, 82.7725,
88.0657

■ 71.1067, 68.6916,
68.9289

■ 91.1187, 97.9733,
108.7160

■ 62.8563, 56.6194,
52.5255

■ 55.9185, 46.4677,
38.7325

■ 50.2257, 38.1376,
27.4153

■ 45.7042, 31.5212,
18.4275

■ 42.2727, 26.4995,
11.6069

■ 39.8393, 22.9381,
6.7710

■ 38.2971, 20.6808,
3.7072

■ 37.5149, 19.5356,
2.1543

Harmonies

Analogous

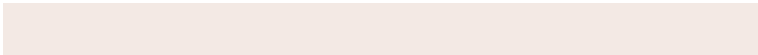
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8209, 82.7725, 91.2535



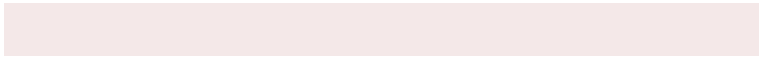
80.7303, 82.7725, 88.0657



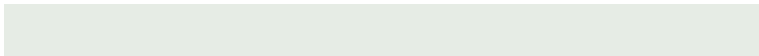
80.0854, 82.7725, 85.4887

Triad

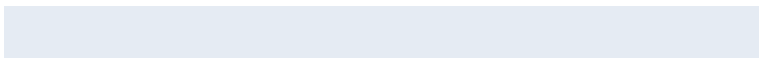
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7303, 82.7725, 88.0657



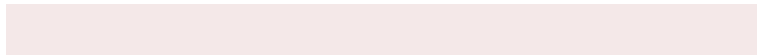
77.0368, 82.7725, 86.1631



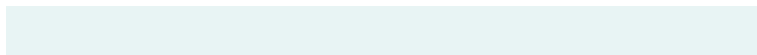
78.2811, 82.7725, 96.3607

Complementary

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



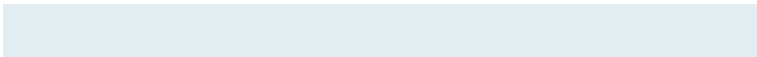
80.7303, 82.7725, 88.0657



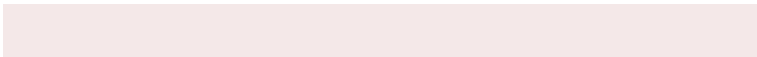
81.9584, 88.3874, 98.3298

Split Complementary

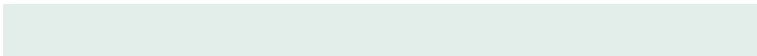
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2769, 82.7725, 94.9263



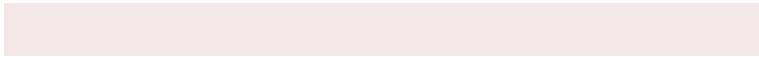
80.7303, 82.7725, 88.0657



76.5630, 82.7725, 89.0062

Square

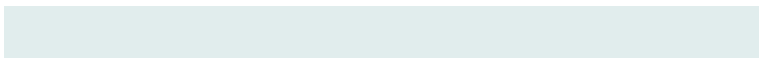
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7303, 82.7725, 88.0657



77.9503, 82.7725, 84.4085



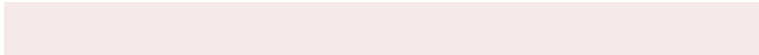
76.6505, 82.7725, 92.2165



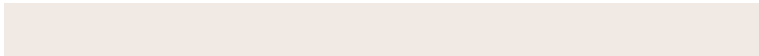
79.3997, 82.7725, 96.0943

Rectangle

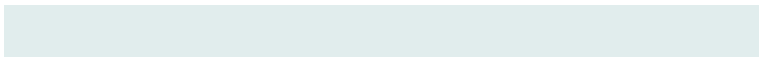
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



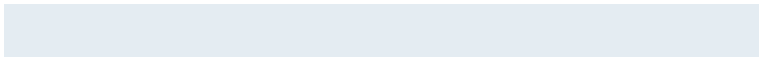
80.7303, 82.7725, 88.0657



79.4313, 82.7725, 84.4399



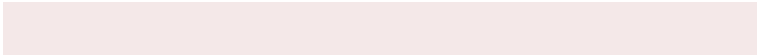
76.6505, 82.7725, 92.2165



77.9191, 82.7725, 96.0601

Sweetspot

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



80.7326, 82.7761, 88.0675



93.8343, 98.2212, 106.4828



82.4951, 83.4792, 97.3541



20.0972, 21.0421, 22.8172



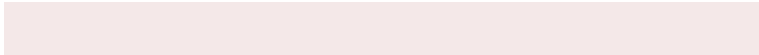
0.0000, 0.0000, 0.0000



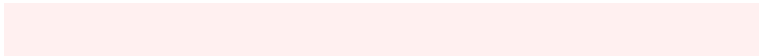
20.3446, 21.4041, 23.3091

Same Dimension

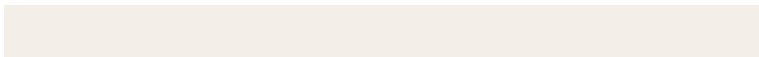
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7326, 82.7761, 88.0675



87.9970, 89.6802, 94.8767



82.4493, 86.2095, 88.6397



17.1092, 17.3753, 18.3215



20.2869, 10.4593, 0.9496



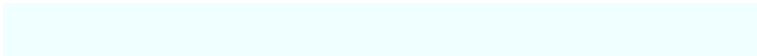
1.7832, 0.9196, 0.0835

Inverse Universe

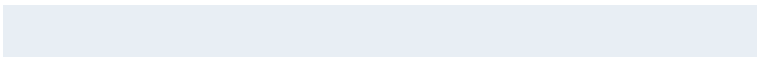
The Inverse Universe completely reimagines the original color for something new.



81.9584, 88.3874, 98.3298



89.6417, 97.2094, 108.6464



80.1835, 84.8377, 97.7381



17.4637, 18.9980, 21.2891



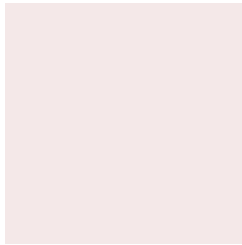
26.4559, 38.7055, 52.6146



2.3254, 3.4021, 4.6244

Previews

White Background



This preview shows how the XYZ color 80.7303, 82.7725, 88.0657 looks on a white background.

Color Contrast Check

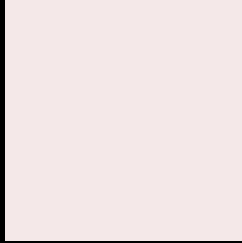
Large Text (above 18pt) WCAG AA × Fail

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 80.7303, 82.7725, 88.0657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

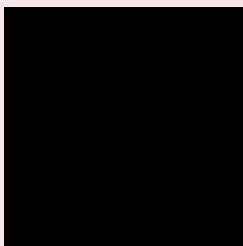
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

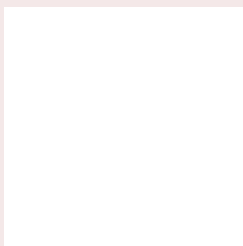
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.7303, 82.7725, 88.0657

Background



This preview shows how black text looks on a background with the XYZ color 80.7303, 82.7725, 88.0657.



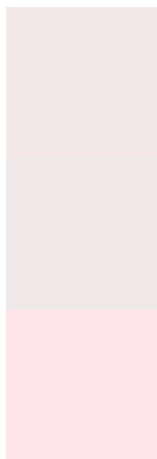
This preview shows how white text looks on a background with the XYZ color 80.7303, 82.7725,

88.0657.

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

80.7303, 82.7725, 88.0657

Protanopia

79.7274, 83.0796, 88.9247

Deuteranopia

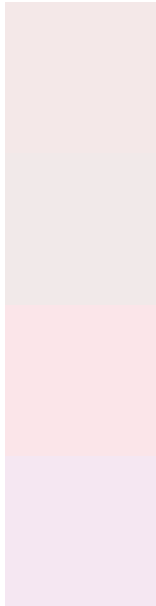
83.6914, 82.6300, 88.6290



Tritanopia

83.2461, 82.9638, 100.4330

Trichromacy



Original Color

80.7303, 82.7725, 88.0657

Protanomaly

80.1225, 82.8618, 88.8618

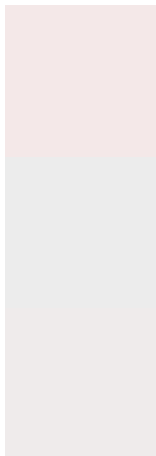
Deuteranomaly

82.5110, 82.4310, 88.6528

Tritanomaly

82.2591, 82.9751, 95.6847

Monochromacy



Original Color

80.7303, 82.7725, 88.0657

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3003, 83.7655, 90.5333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7303, 82.7725, 88.0657 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, 232, 232) looks like.

```
.text, #text, p{  
    color:rgb(244, 232, 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(244, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 232, 232) }
```

Border

The CSS property to change the border of an element to XYZ 80.7303, 82.7725, 88.0657 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, 232, 232) }
```


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

```
.border{ border-color:rgb(244, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 232, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 232, 232); box-shadow:4px 4px 4px 4px rgb(244, 232, 232) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7303, 82.7725, 88.0657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 232, 232) }
```

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

```
.background{ background-color: rgb(244,  
232, 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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