

Converting Colors

XYZ(83.4300, 82.5123, 88.3810)

Have a look what the booklet for
XYZ(83.4300, 82.5123, 88.3810)
contains.

XYZ(83.3244, 82.4408, 88.6118)	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(83.3244, 82.4408,
88.6118)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE4E9
RGB	254, 228, 233
RGB Percent	100%, 89%, 91%
CMY	0.0039, 0.1059, 0.0863
CMYK	0.00, 0.10, 0.08, 0.00
HSL	348°, 93%, 95%
HSV	348°, 10%, 100%
XYZ	83.3244, 82.4408, 88.6118
YIQ	236.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

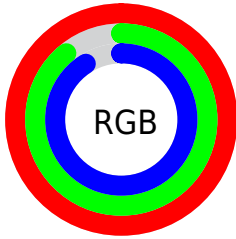
Format	Color
RYB	254, 228, 233
Decimal	16704745
CIELab	92.77, 9.70, 0.81
CIElCh	93, 9.737, 4.747
Yxy	82.4408, 0.3276, 0.3241
Android (android.graphics.Color)	4294894825 (0xFFFE4E9)
YUV	236.3440, -1.6486, 15.4843
Hunter-Lab	90.7969, 4.9150, 5.6947

Details

The XYZ color **83.3244, 82.4408, 88.6118** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5387, 94.2192, 103.3575**, and the grayscale version is **79.9991, 84.1653, 91.6560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9053, 44.9318, 47.8482** is the 20% darker color. If you saturate the color by 10%, you get **74.0811, 68.3749, 71.9003**, and if you desaturate by 10%, it is **93.9398, 98.7034, 107.4643**.

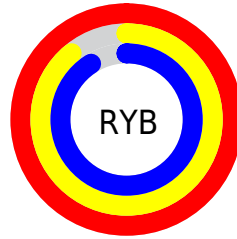
Distribution



Red (100%)

Green (89%)

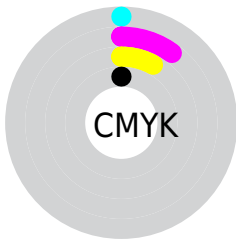
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

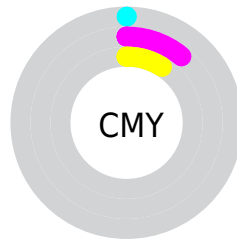


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3244, 82.4408, 88.6118 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 83.3244, 82.4408, 88.6118 by changing the saturation by 10% instead.

 83.3244, 82.4408,
88.6118

 83.3244, 82.4408,
88.6118

494.6346,
503.1210, 543.9578

 62.7756, 61.7289,
66.2626


136.9559,
136.7920, 147.3272

 45.9177, 44.8137,
48.0278


170.7693,
171.2001, 184.5306

 32.3852, 31.3107,
33.4888


209.7350,
210.9424, 227.5224

 21.8129, 20.8356,
22.2270

254.2183,
256.4033, 276.7213

 13.8353, 13.0039,
13.8239

304.5845,
307.9673, 332.5457

 8.0871, 7.4312,
7.8609

361.1991,

 4.2030, 3.7332,

366.0186, 395.4143

3.9196

424.4273,
430.9417, 465.7454

■ 1.8176, 1.5255,
1.5813

■ 0.5283, 0.3066,
0.2774

■ 83.3244, 82.4408,
88.6118

■ 83.3244, 82.4408,
88.6118

■ 74.0811, 68.3749,
71.9003

93.9398, 98.7034,
107.4643

■ 66.1467, 56.4008,
57.2483

94.6835, 99.8110,
108.8828

■ 59.4634, 46.4218,
44.5771

■ 53.9662, 38.3286,
33.8006

■ 49.5843, 32.0021,
24.8264

■ 46.2392, 27.3091,
17.5541

■ 43.8416, 24.0973,
11.8733

■ 42.2865, 22.1858,
7.6595

■ 41.4239, 21.2912,
4.8114

Harmonies

Analogous

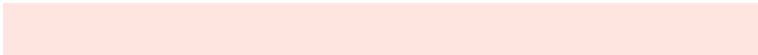
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8566, 82.4408, 95.8622



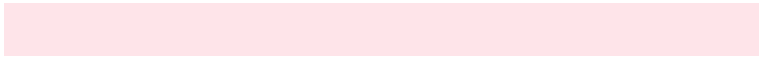
83.3244, 82.4408, 88.6118



82.4380, 82.4408, 82.0282

Triad

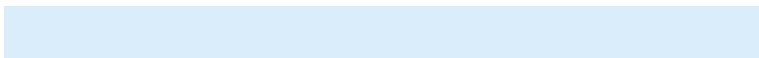
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3244, 82.4408, 88.6118



75.6076, 82.4408, 78.7582



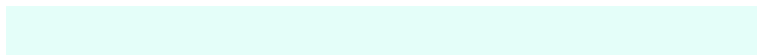
76.2931, 82.4408, 103.0133

Complementary

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



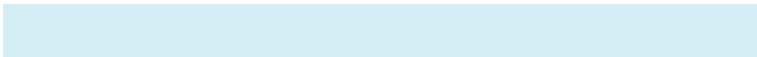
83.3244, 82.4408, 88.6118



84.5387, 94.2192, 103.3575

Split Complementary

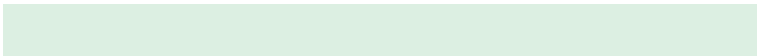
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.4140, 82.4408, 97.9715



83.3244, 82.4408, 88.6118



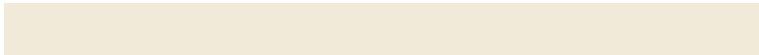
74.0243, 82.4408, 83.9301

Square

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



83.3244, 82.4408, 88.6118



77.9541, 82.4408, 76.5382



73.5920, 82.4408, 90.9262



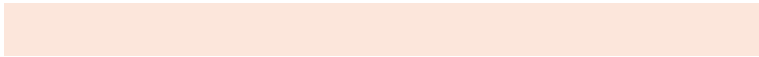
78.7623, 82.4408, 104.4319

Rectangle

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



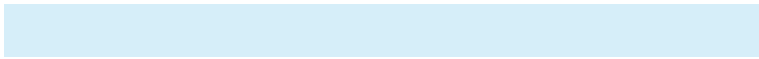
83.3244, 82.4408, 88.6118



81.2094, 82.4408, 78.8231



73.5920, 82.4408, 90.9262



75.5732, 82.4408, 101.6732

Sweetspot

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



83.3267, 82.4444, 88.6136



91.6787, 94.8241, 102.9464



84.6310, 82.7493, 105.2786



19.4348, 20.0076, 21.7014



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

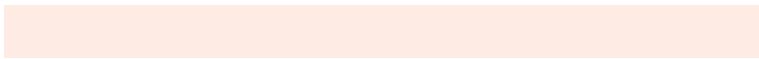
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3267, 82.4444, 88.6136



82.3257, 80.5155, 86.2717



84.8171, 86.5512, 85.6389



18.1520, 18.0441, 19.4176



21.8789, 11.2408, 2.7466



2.1660, 1.1088, 0.4558

Inverse Universe

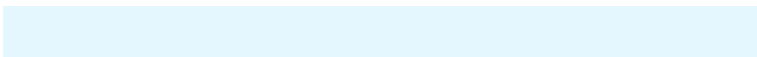
The Inverse Universe completely reimagines the original color for something new.



83.3267, 82.4444, 88.6136



82.3257, 80.5155, 86.2717



82.9038, 89.6856, 106.7084



18.1520, 18.0441, 19.4176



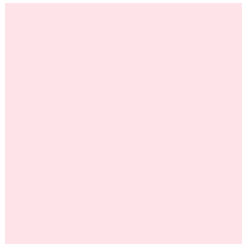
21.8789, 11.2408, 2.7466



2.1660, 1.1088, 0.4558

Previews

White Background



This preview shows how the XYZ color 83.3244, 82.4408, 88.6118 looks on a white background.

Color Contrast Check

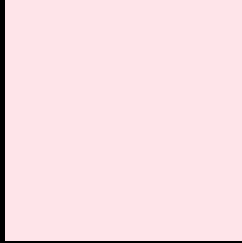
Large Text (above 18pt) WCAG AA × Fail

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 83.3244, 82.4408, 88.6118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

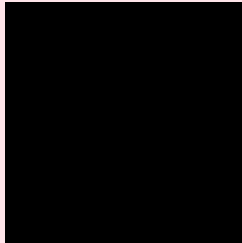
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3244, 82.4408, 88.6118

Background



This preview shows how black text looks on a background with the XYZ color 83.3244, 82.4408, 88.6118.



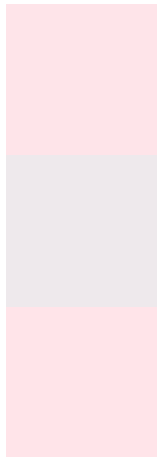
This preview shows how white text looks on a background with the XYZ color 83.3244, 82.4408,

88.6118.

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

83.3244, 82.4408, 88.6118

Protanopia

79.5391, 82.5111, 91.0910

Deuteranopia

83.6914, 82.6300, 88.6290



Tritanopia

84.7655, 82.1844, 96.9835

Trichromacy



Original Color

83.3244, 82.4408, 88.6118

Protanomaly

80.8795, 82.3831, 90.2360

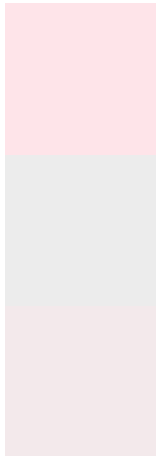
Deuteranomaly

83.6914, 82.6300, 88.6290

Tritanomaly

84.4373, 82.4894, 93.9098

Monochromacy



Original Color

83.3244, 82.4408, 88.6118

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.0965, 83.3307, 90.4074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3244, 82.4408, 88.6118 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(254, 228, 233) looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 233)  
}
```

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(254, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 233) }
```

Border

The CSS property to change the border of an element to XYZ 83.3244, 82.4408, 88.6118 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(254, 228, 233) }
```


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

```
.border{ border-color:rgb(254, 228, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 228, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 228, 233); box-shadow:4px 4px 4px 4px rgb(254, 228, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3244, 82.4408, 88.6118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 233) }
```

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

```
.background{ background-color: rgb(254,  
228, 233) }
```

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