

Converting Colors

XYZ(82.4108, 83.3225, 87.4568)

Have a look what the booklet for
XYZ(82.4108, 83.3225, 87.4568)
contains.

XYZ(82.4241, 83.2453, 87.3250)	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(82.4241, 83.2453,
87.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE7E7
RGB	250, 231, 231
RGB Percent	98%, 91%, 91%
CMY	0.0196, 0.0941, 0.0941
CMYK	0.00, 0.08, 0.08, 0.02
HSL	0°, 66%, 94%
HSV	0°, 8%, 98%
XYZ	82.4241, 83.2453, 87.3250
YIQ	236.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

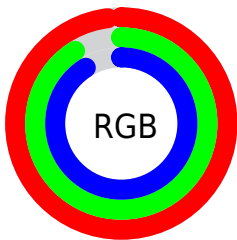
Format	Color
R _Y B	250, 231, 231
Decimal	16443367
CIE Lab	93.12, 6.45, 2.32
CIE LCh	93, 6.859, 19.789
Yxy	83.2453, 0.3258, 0.3290
Android (android.graphics.Color)	4294633447 (0xFFFAE7E7)
YUV	236.6810, -2.8007, 11.6808
Hunter-Lab	91.2389, 1.5868, 7.1206

Details

The XYZ color **82.4241, 83.2453, 87.3250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3958, 92.2609, 103.8037**, and the grayscale version is **80.2677, 84.4479, 91.9637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0602, 45.0925, 46.8862** is the 20% darker color. If you saturate the color by 10%, you get **72.6396, 68.9286, 67.8695**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

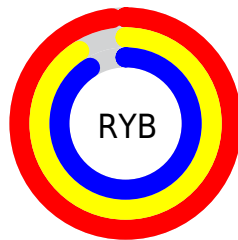
Distribution



Red (98%)

Green (91%)

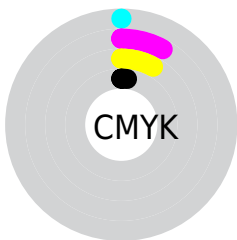
Blue (91%)



Red (98%)

Yellow (91%)

Blue (91%)

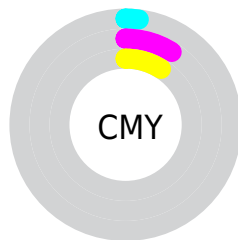


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4241, 83.2453, 87.3250 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 82.4241, 83.2453, 87.3250 by changing the saturation by 10% instead.


 82.4241, 83.2453,
87.3250

 82.4241, 83.2453,
87.3250


491.6782,
505.8037, 539.6341

 62.0305, 62.3925,
65.2030


135.7013,
137.9190, 145.5199

 45.3130, 45.3499,
47.1733


169.3156,
172.5087, 182.4299

 31.9064, 31.7332,
32.8174


208.0675,
212.4461, 225.1064

 21.4452, 21.1578,
21.7166

252.3223,
258.1157, 273.9678

 13.5641, 13.2394,
13.4525

302.4454,
309.9019, 329.4328

 7.8978, 7.5936,
7.6065

358.8022,

 4.0809, 3.8360,

368.1890, 391.9198

3.7601

421.7580,
433.3615, 461.8474

■ 1.7480, 1.5823,
1.4947

■ 0.4860, 0.3456,
0.2139

■ 82.4241, 83.2453,
87.3250

■ 82.4241, 83.2453,
87.3250

■ 72.6396, 68.9286,
67.8695

■ 93.2349, 99.0643,
108.8151

■ 64.2927, 56.7150,
51.2752

■ 57.3179, 46.5089,
37.4091

■ 51.6417, 38.2030,
26.1252

■ 47.1839, 31.6797,
17.2638

■ 43.8554, 26.8089,
10.6479

■ 41.5550, 23.4424,
6.0761

■ 40.1635, 21.4057,
3.3112

■ 39.5235, 20.4688,
2.0401

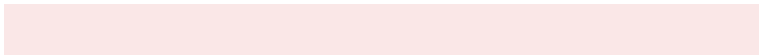
Harmonies

Analogous

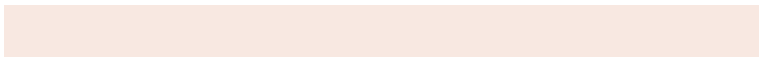
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5779, 83.2453, 92.4087



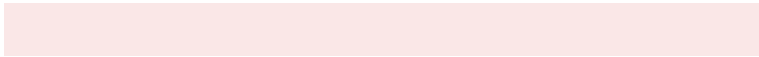
82.4241, 83.2453, 87.3250



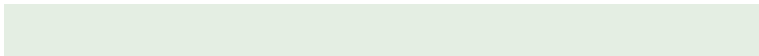
81.3780, 83.2453, 83.2782

Triad

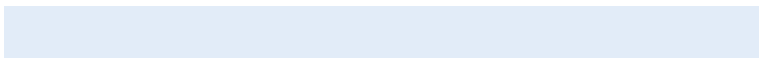
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4241, 83.2453, 87.3250



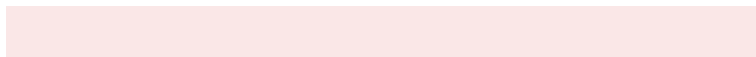
76.5081, 83.2453, 84.3893



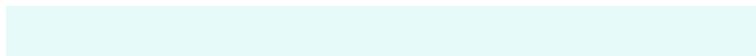
78.5101, 83.2453, 100.7506

Complementary

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



82.4241, 83.2453, 87.3250



84.3958, 92.2609, 103.8037

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.



76.9084, 83.2453, 98.4233



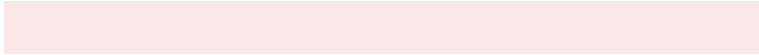
82.4241, 83.2453, 87.3250



75.7642, 83.2453, 88.8939

Square

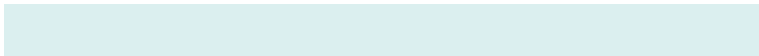
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4241, 83.2453, 87.3250



77.9560, 83.2453, 81.6284



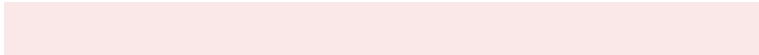
75.9096, 83.2453, 94.0378



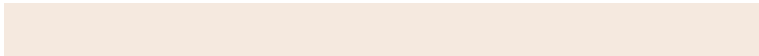
80.2999, 83.2453, 100.2916

Rectangle

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



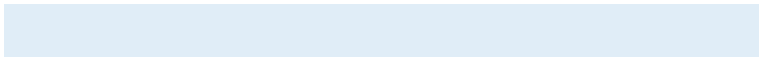
82.4241, 83.2453, 87.3250



80.3241, 83.2453, 81.6517



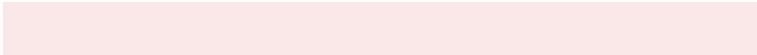
75.9096, 83.2453, 94.0378



77.9323, 83.2453, 100.2648

Sweetspot

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



82.4264, 83.2489, 87.3268



92.6345, 96.4656, 104.0977



85.2568, 84.3792, 102.2370



19.8529, 20.6846, 22.3315



0.0000, 0.0000, 0.0000



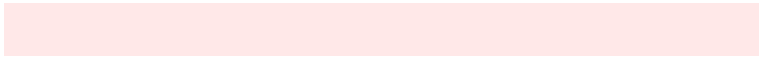
20.3446, 21.4041, 23.3091

Same Dimension

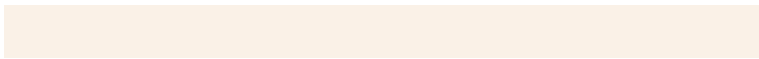
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4264, 83.2489, 87.3268



84.6847, 84.8333, 88.2923



85.1568, 88.7098, 88.2369



17.2450, 17.2258, 17.8784



20.9124, 10.7814, 0.9788



1.9370, 0.9988, 0.0907

Inverse Universe

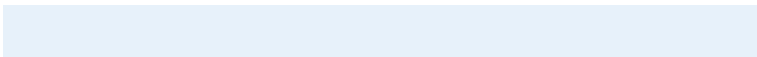
The Inverse Universe completely reimagines the original color for something new.



84.3958, 92.2609, 103.8037



87.1033, 95.9009, 108.5276



81.5190, 86.5073, 102.8448



17.7656, 19.6079, 22.2337



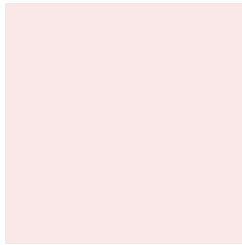
27.2769, 39.9094, 54.2392



2.5264, 3.6965, 5.0235

Previews

White Background



This preview shows how the XYZ color 82.4241, 83.2453, 87.3250 looks on a white background.

Color Contrast Check

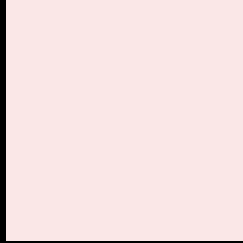
Large Text (above 18pt) WCAG AA × Fail

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 82.4241, 83.2453, 87.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

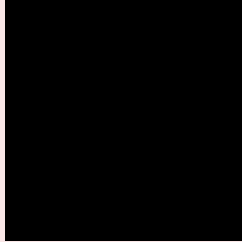
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

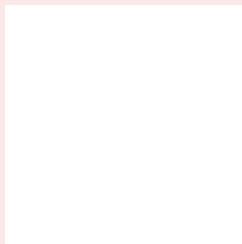
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4241, 83.2453, 87.3250

Background



This preview shows how black text looks on a background with the XYZ color 82.4241, 83.2453, 87.3250.



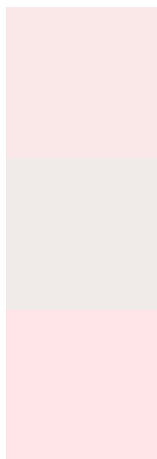
This preview shows how white text looks on a background with the XYZ color 82.4241, 83.2453,

87.3250.

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

82.4241, 83.2453, 87.3250

Protanopia

80.0660, 83.2541, 88.9405

Deuteranopia

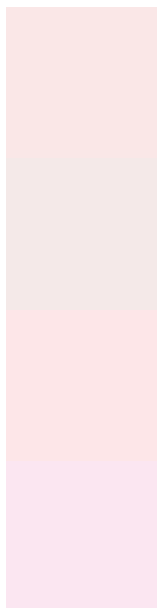
83.8248, 83.1248, 87.9706



Tritanopia

84.9527, 83.4495, 99.6256

Trichromacy



Original Color

82.4241, 83.2453, 87.3250

Protanomaly

81.0126, 83.3371, 88.1598

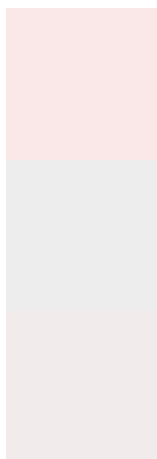
Deuteranomaly

83.3703, 83.3025, 88.0288

Tritanomaly

83.9577, 83.4537, 94.9022

Monochromacy



Original Color

82.4241, 83.2453, 87.3250

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.3217, 84.2921, 90.5811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4241, 83.2453, 87.3250 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, 231, 231) looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 231)  
}
```

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, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.4241, 83.2453, 87.3250 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, 231, 231) }
```


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

```
.border{ border-color:rgb(250, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4241, 83.2453, 87.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 231) }
```

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

```
.background{ background-color: rgb(250,  
231, 231) }
```

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