

Converting Colors

XYZ(82.7832, 83.3477, 91.0815)

Have a look what the booklet for
XYZ(82.7832, 83.3477, 91.0815)
contains.

XYZ(82.7832, 83.3477, 91.0815)	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(82.7832, 83.3477,
91.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E7EC
RGB	249, 231, 236
RGB Percent	98%, 91%, 93%
CMY	0.0235, 0.0941, 0.0745
CMYK	0.00, 0.07, 0.05, 0.02
HSL	343°, 60%, 94%
HSV	343°, 7%, 98%
XYZ	82.7832, 83.3477, 91.0815
YIQ	236.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

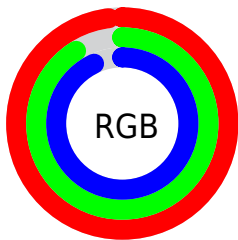
Format	Color
R _Y B	249, 231, 236
Decimal	16377836
CIE Lab	93.17, 6.95, -0.23
CIE LCh	93, 6.956, 358.123
Yxy	83.3477, 0.3218, 0.3240
Android (android.graphics.Color)	4294567916 (0xFFFF9E7EC)
YUV	236.9520, -0.4693, 10.5661
Hunter-Lab	91.2950, 2.0916, 4.7551

Details

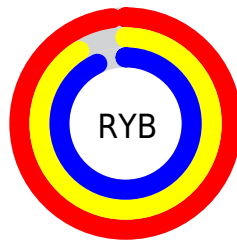
The XYZ color **82.7832, 83.3477, 91.0815** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1630, 91.2742, 98.8270**, and the grayscale version is **80.4600, 84.6501, 92.1840**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5605, 45.2927, 49.5211** is the 20% darker color. If you saturate the color by 10%, you get **73.8209, 69.3962, 75.8434**, and if you desaturate by 10%, it is **92.7151, 98.8151, 107.9435**.

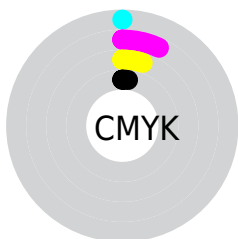
Distribution



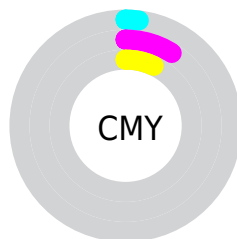
- Red (98%)
- Green (91%)
- Blue (93%)



- Red (98%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.7832, 83.3477, 91.0815 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 82.7832, 83.3477, 91.0815 by changing the saturation by 10% instead.


 82.7832, 83.3477,
91.0815

 82.7832, 83.3477,
91.0815


492.8586,
506.1446, 552.2033

 62.3276, 62.4770,
68.2992

136.2019,
138.0623, 150.7884

 45.5541, 45.4183,
49.6730


169.8957,
172.6751, 188.5500

 32.0972, 31.7870,
34.7843


208.7330,
212.6373, 232.1419

 21.5917, 21.1989,
23.2145

253.0790,
258.3334, 281.9825

 13.6721, 13.2694,
14.5452

303.2993,
310.1478, 338.4904

 7.9731, 7.6143,
8.3578

359.7590,

 4.1294, 3.8492,

368.4649, 402.0842

4.2337

422.8237,
433.6690, 473.1823

■ 1.7756, 1.5896,
1.7544

■ 0.5029, 0.3505,
0.3976

■ 82.7832, 83.3477,
91.0815

■ 82.7832, 83.3477,
91.0815

■ 73.8209, 69.3962,
75.8434

■ 92.7151, 98.8151,
107.9435

■ 66.0616, 57.4428,
62.2656

■ 92.8774, 98.8800,
108.7983

■ 59.4548, 47.3986,
50.2923

■ 53.9438, 39.1639,
39.8626

■ 49.4670, 32.6298,
30.9112

■ 45.9563, 27.6757,
23.3682

■ 43.3353, 24.1649,
17.1575

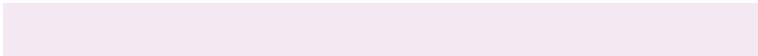
■ 41.5149, 21.9370,
12.1946

■ 40.3823, 20.7858,
8.3824

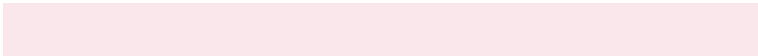
Harmonies

Analogous

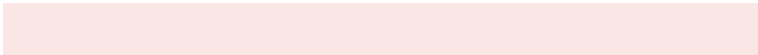
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2407, 83.3477, 96.1698



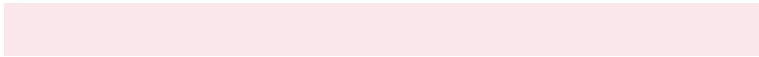
82.7832, 83.3477, 91.0815



82.3587, 83.3477, 86.0907

Triad

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



82.7832, 83.3477, 91.0815



77.5749, 83.3477, 82.1633



77.3785, 83.3477, 99.5672

Complementary

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



82.7832, 83.3477, 91.0815



83.1630, 91.2742, 98.8270

Split Complementary

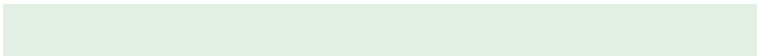
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1611, 83.3477, 95.5776



82.7832, 83.3477, 91.0815



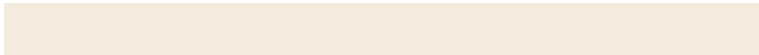
76.2732, 83.3477, 85.5406

Square

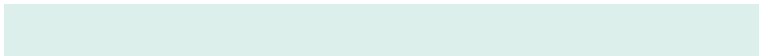
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



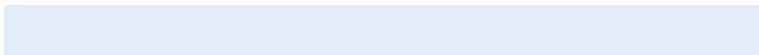
82.7832, 83.3477, 91.0815



79.3346, 83.3477, 81.0615



75.7595, 83.3477, 90.4223



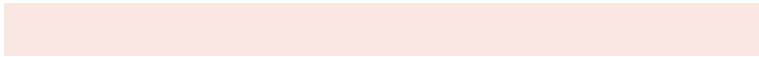
79.1044, 83.3477, 101.1844

Rectangle

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



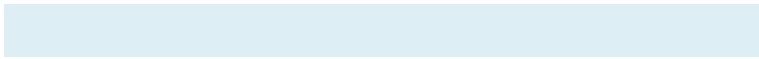
82.7832, 83.3477, 91.0815



81.5881, 83.3477, 83.4636



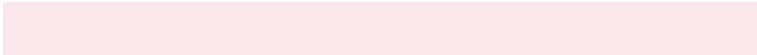
75.7595, 83.3477, 90.4223



76.8972, 83.3477, 98.4517

Sweetspot

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



82.7856, 83.3513, 91.0833



92.8570, 96.5541, 105.2707



82.9511, 83.2104, 101.3130



19.8982, 20.7026, 22.5704



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

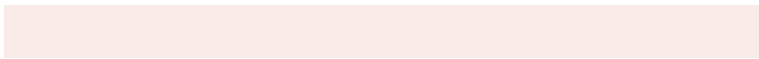
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7856, 83.3513, 91.0833



85.6053, 85.1992, 93.1470



83.1732, 85.2721, 87.6811



17.4426, 17.3044, 18.9205



21.5405, 11.0319, 4.2886



2.0379, 1.0389, 0.6230

Inverse Universe

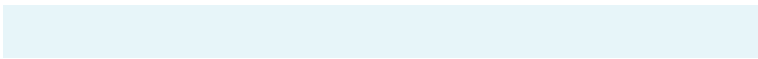
The Inverse Universe completely reimagines the original color for something new.



82.7856, 83.3513, 91.0833



85.6053, 85.1992, 93.1470



82.7394, 89.1963, 102.4795



17.4426, 17.3044, 18.9205



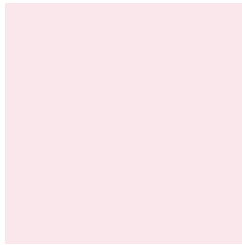
21.5405, 11.0319, 4.2886



2.0379, 1.0389, 0.6230

Previews

White Background



This preview shows how the XYZ color 82.7832, 83.3477, 91.0815 looks on a white background.

Color Contrast Check

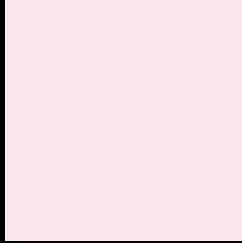
Large Text (above 18pt) WCAG AA × Fail

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 82.7832, 83.3477, 91.0815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

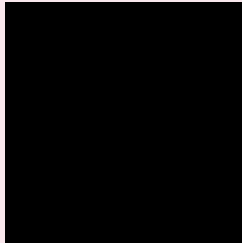
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7832, 83.3477, 91.0815

Background



This preview shows how black text looks on a background with the XYZ color 82.7832, 83.3477, 91.0815.



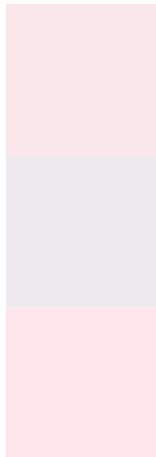
This preview shows how white text looks on a background with the XYZ color 82.7832, 83.3477,

91.0815.

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

82.7832, 83.3477, 91.0815

Protanopia

80.4520, 83.3694, 92.7405

Deuteranopia

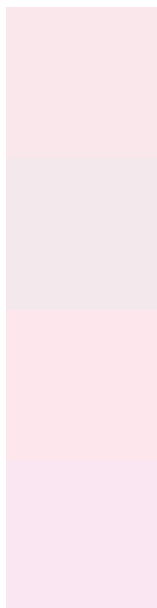
84.3996, 83.3548, 90.9976



Tritanopia

84.5915, 83.2633, 99.6087

Trichromacy



Original Color

82.7832, 83.3477, 91.0815

Protanomaly

81.3871, 83.4469, 91.9381

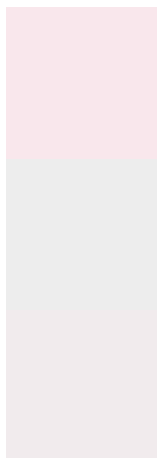
Deuteranomaly

83.9451, 83.5324, 91.0559

Tritanomaly

83.8988, 83.3887, 96.4677

Monochromacy



Original Color

82.7832, 83.3477, 91.0815

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2700, 84.2319, 92.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7832, 83.3477, 91.0815 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(249, 231, 236) looks like.

```
.text, #text, p{  
    color:rgb(249, 231, 236)  
}
```

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(249, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 231, 236) }
```

Border

The CSS property to change the border of an element to XYZ 82.7832, 83.3477, 91.0815 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(249, 231, 236) }
```


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

```
.border{ border-color:rgb(249, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 231,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7832, 83.3477, 91.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 231, 236) }
```

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

```
.background{ background-color: rgb(249,  
231, 236) }
```

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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