

Converting Colors

XYZ(83.0500, 84.1726, 94.4317)

Have a look what the booklet for
XYZ(83.0500, 84.1726, 94.4317)
contains.

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Color

**XYZ(83.2249, 84.3433,
94.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E9F0
RGB	247, 233, 240
RGB Percent	97%, 91%, 94%
CMY	0.0314, 0.0863, 0.0588
CMYK	0.00, 0.06, 0.03, 0.03
HSL	330°, 47%, 94%
HSV	330°, 6%, 97%
XYZ	83.2249, 84.3433, 94.3315
YIQ	237.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

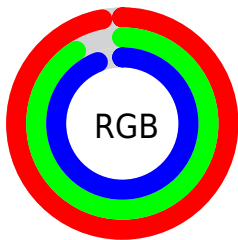
Format	Color
R_{YB}	247, 233, 240
Decimal	16247280
CIE _{Lab}	93.60, 5.93, -1.70
CIE _{LCh}	94, 6.172, 344.044
Y _{xy}	84.3433, 0.3178, 0.3220
Android (android.graphics.Color)	4294437360 (0xFFFF7E9F0)
Y _{UV}	237.9840, 0.9939, 7.9070
Hunter-Lab	91.8386, 1.0406, 3.3876

Details

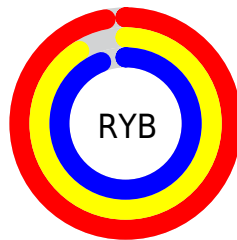
The XYZ color **83.2249, 84.3433, 94.3315** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.5965, 90.1387, 95.4879**, and the grayscale version is **81.2470, 85.4782, 93.0857**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8597, 45.9813, 51.8056** is the 20% darker color. If you saturate the color by 10%, you get **74.9435, 70.6173, 82.8232**, and if you desaturate by 10%, it is **91.7454, 98.3453, 106.5381**.

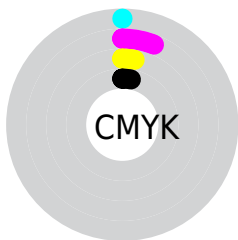
Distribution



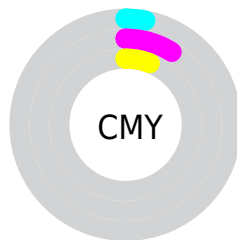
- Red (97%)
- Green (91%)
- Blue (94%)



- Red (97%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2249, 84.3433, 94.3315 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 83.2249, 84.3433, 94.3315 by changing the saturation by 10% instead.


 83.2249, 84.3433,
94.3315

 83.2249, 84.3433,
94.3315


494.3083,
509.4526, 562.9522

 62.6932, 63.2989,
70.9849


136.8173,
139.4553, 155.3283

 45.8508, 46.0831,
51.8481


170.6087,
174.2917, 193.8157

 32.3322, 32.3114,
36.5026


209.5508,
214.4942, 238.1870

 21.7722, 21.5994,
24.5299

254.0089,
260.4473, 288.8608

 13.8052, 13.5629,
15.5113

304.3484,
312.5352, 346.2557

 8.0661, 7.8173,
9.0284

360.9345,

 4.1895, 3.9782,

371.1425, 410.7902

4.6627

424.1327,
436.6535, 482.8829

■ 1.8099, 1.6614,
1.9955

■ 0.5236, 0.3985,
0.5525

■ 83.2249, 84.3433,
94.3315

■ 83.2249, 84.3433,
94.3315

■ 74.9435, 70.6173,
82.8232

■ 91.7454, 98.3453,
106.5381

■ 67.7205, 58.8132,
72.2709

■ 92.1683, 98.5144,
108.7651

■ 61.5125, 48.8471,
62.6487

■ 56.2703, 40.6248,
53.9273

■ 51.9402, 34.0435,
46.0753

■ 48.4632, 28.9895,
39.0591

■ 45.7729, 25.3344,
32.8421

■ 43.7917, 22.9286,
27.3834

■ 42.4249, 21.5872,
22.6357

Harmonies

Analogous

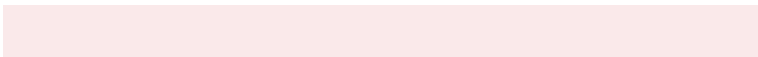
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3701, 84.3433, 98.4568



83.2249, 84.3433, 94.3315



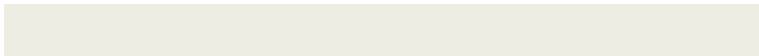
83.2527, 84.3433, 89.6691

Triad

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



83.2249, 84.3433, 94.3315



79.4057, 84.3433, 83.3795



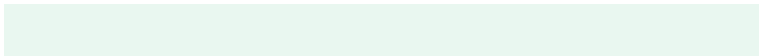
77.9284, 84.3433, 98.2346

Complementary

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



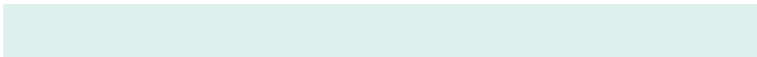
83.2249, 84.3433, 94.3315



82.5965, 90.1387, 95.4879

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.



77.1561, 84.3433, 94.0366



83.2249, 84.3433, 94.3315



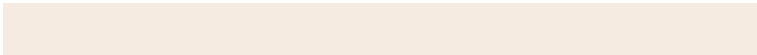
78.0012, 84.3433, 85.5179

Square

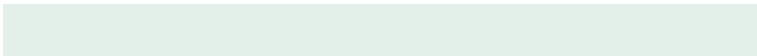
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



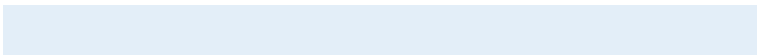
83.2249, 84.3433, 94.3315



81.0326, 84.3433, 83.4524



77.1825, 84.3433, 89.3840



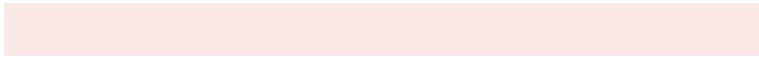
79.3051, 84.3433, 100.7620

Rectangle

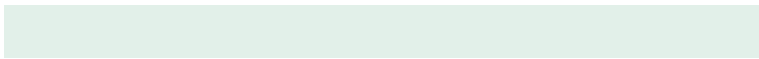
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



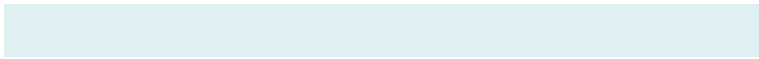
83.2249, 84.3433, 94.3315



82.7976, 84.3433, 86.8893



77.1825, 84.3433, 89.3840



77.5903, 84.3433, 96.9659

Sweetspot

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



83.2273, 84.3470, 94.3333



93.0365, 96.6259, 106.2162



81.8658, 83.5226, 99.8036



19.9348, 20.7173, 22.7629



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

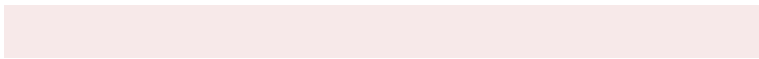
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2273, 84.3470, 94.3333



88.2133, 88.5735, 99.6940



82.2077, 83.9391, 88.9643



17.1848, 17.1860, 19.3964



22.2640, 11.2490, 11.3645



2.0087, 1.0094, 1.2720

Inverse Universe

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



83.2273, 84.3470, 94.3333



88.2133, 88.5735, 99.6940



83.6562, 90.5626, 101.0681



17.1848, 17.1860, 19.3964



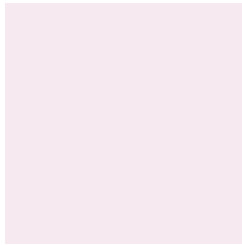
22.2640, 11.2490, 11.3645



2.0087, 1.0094, 1.2720

Previews

White Background



This preview shows how the XYZ color 83.2249, 84.3433, 94.3315 looks on a white background.

Color Contrast Check

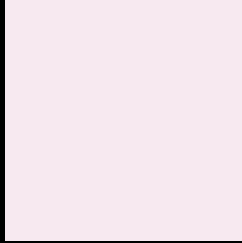
Large Text (above 18pt) WCAG AA × Fail

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 83.2249, 84.3433, 94.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

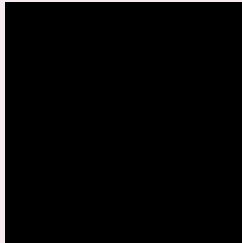
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.2249, 84.3433, 94.3315

Background



This preview shows how black text looks on a background with the XYZ color 83.2249, 84.3433, 94.3315.



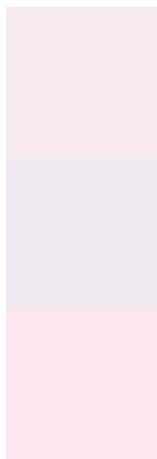
This preview shows how white text looks on a background with the XYZ color 83.2249, 84.3433,

94.3315.

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

83.2249, 84.3433, 94.3315

Protanopia

81.1821, 84.1183, 95.1768

Deuteranopia

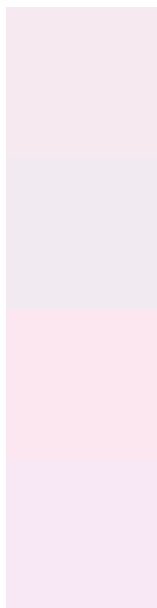
85.2650, 84.1449, 94.1857



Tritanopia

84.5426, 84.0104, 102.2022

Trichromacy



Original Color

83.2249, 84.3433, 94.3315

Protanomaly

81.9180, 84.0738, 95.1294

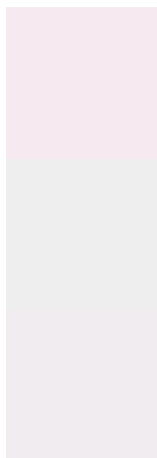
Deuteranomaly

84.4490, 84.1385, 94.2275

Tritanomaly

84.2026, 84.3235, 99.0269

Monochromacy



Original Color

83.2249, 84.3433, 94.3315

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8511, 84.9237, 93.7392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2249, 84.3433, 94.3315 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(247, 233, 240) looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 240)  
}
```

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(247, 233, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.2249, 84.3433, 94.3315 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(247, 233, 240) }
```


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

```
.border{ border-color:rgb(247, 233, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 233, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 233, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 233, 240); box-shadow:4px 4px 4px 4px rgb(247, 233, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2249, 84.3433, 94.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 240) }
```

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

```
.background{ background-color: rgb(247,  
233, 240) }
```

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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