

Converting Colors

XYZ(83.1924, 81.1447, 99.3381)

Have a look what the booklet for
XYZ(83.1924, 81.1447, 99.3381)
contains.

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Color

**XYZ(83.4092, 81.4321,
99.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE2F7
RGB	250, 226, 247
RGB Percent	98%, 89%, 97%
CMY	0.0196, 0.1137, 0.0314
CMYK	0.00, 0.10, 0.01, 0.02
HSL	308°, 71%, 93%
HSV	308°, 10%, 98%
XYZ	83.4092, 81.4321, 99.3175
YIQ	235.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

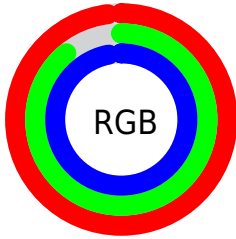
Format	Color
R _Y B	250, 226, 247
Decimal	16442103
CIE Lab	92.32, 11.79, -7.20
CIE LCh	92, 13.810, 328.587
Yxy	81.4321, 0.3158, 0.3083
Android (android.graphics.Color)	4294632183 (0xFFFAE2F7)
YUV	235.5700, 5.6350, 12.6551
Hunter-Lab	90.2397, 7.0692, -2.0865

Details

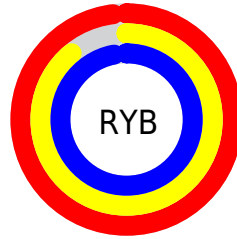
The XYZ color **83.4092, 81.4321, 99.3175** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.6956, 90.1994, 87.3429**, and the grayscale version is **79.3564, 83.4892, 90.9197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9592, 44.2249, 55.4042** is the 20% darker color. If you saturate the color by 10%, you get **76.6231, 68.6243, 94.6964**, and if you desaturate by 10%, it is **91.1992, 96.2325, 104.3151**.

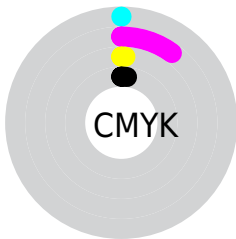
Distribution



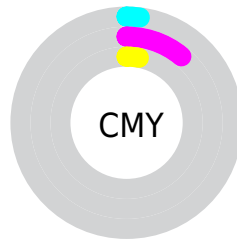
- Red (98%)
- Green (89%)
- Blue (97%)



- Red (98%)
- Yellow (89%)
- Blue (97%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.4092, 81.4321, 99.3175 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 83.4092, 81.4321, 99.3175 by changing the saturation by 10% instead.

 83.4092, 81.4321,
99.3175

 83.4092, 81.4321,
99.3175


494.9126,
499.7461, 579.2303

 62.8458, 60.8975,
75.1170


137.0740,
135.3773, 162.2626

 45.9747, 44.1425,
55.2064


170.9061,
169.5568, 201.8443

 32.4304, 30.7825,
39.1673


209.8919,
209.0533, 247.3902

 21.8476, 20.4333,
26.5811

254.3966,
254.2513, 299.3187

 13.8609, 12.7104,
17.0292

304.7857,
305.5352, 358.0484

 8.1051, 7.2294,
10.0931

361.4245,

 4.2146, 3.6060,

363.2894, 423.9979

5.3543

424.6783,
427.8982, 497.5857

■ 1.8243, 1.4557,
2.3943

■ 0.5322, 0.2572,
0.7833

■ 83.4092, 81.4321,
99.3175

■ 83.4092, 81.4321,
99.3175

■ 76.6231, 68.6243,
94.6964

■ 91.1992, 96.2325,
104.3151

■ 70.7912, 57.7130,
90.4321

■ 92.9549, 98.9523,
107.3403

■ 65.8698, 48.6102,
86.5109

■ 93.2349, 99.0643,
108.8151

■ 61.8095, 41.2165,
82.9159

■ 58.5556, 35.4232,
79.6289

■ 56.0476, 31.1090,
76.6295

■ 54.2161, 28.1352,
73.8943

■ 52.9787, 26.3370,
71.3956

■ 52.2049, 25.4537,
69.0898

Harmonies

Analogous

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



80.7317, 81.4321, 107.0826



83.4092, 81.4321, 99.3175



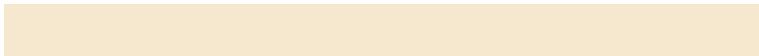
84.4695, 81.4321, 89.1517

Triad

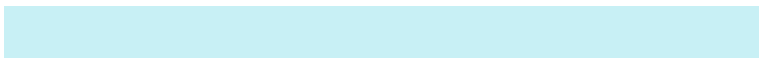
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4092, 81.4321, 99.3175



77.5683, 81.4321, 70.4204



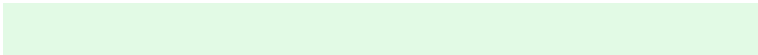
71.5234, 81.4321, 98.4140

Complementary

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



83.4092, 81.4321, 99.3175



79.6956, 90.1994, 87.3429

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.



70.7340, 81.4321, 88.1815



83.4092, 81.4321, 99.3175



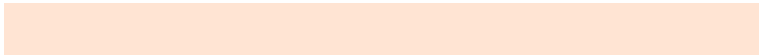
74.1589, 81.4321, 72.4916

Square

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



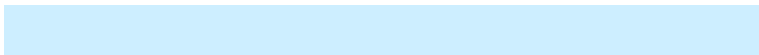
83.4092, 81.4321, 99.3175



81.0338, 81.4321, 72.9166



71.6842, 81.4321, 78.8041



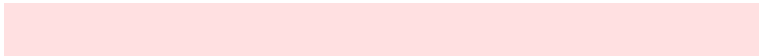
73.8741, 81.4321, 106.5334

Rectangle

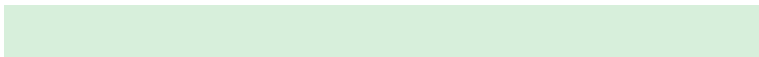
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4092, 81.4321, 99.3175



84.0926, 81.4321, 82.5430



71.6842, 81.4321, 78.8041



71.0699, 81.4321, 95.0840

Sweetspot

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



83.4116, 81.4356, 99.3193



92.5043, 95.1543, 107.2936



76.7045, 77.9241, 101.4419



19.6576, 20.0967, 22.8747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

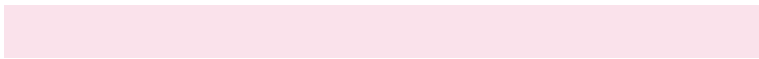
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4116, 81.4356, 99.3193



85.4434, 81.7626, 102.6892



81.6478, 80.7301, 90.0312



17.8941, 17.4850, 21.2982



27.7132, 13.5010, 36.7939



2.5921, 1.2606, 3.5414

Inverse Universe

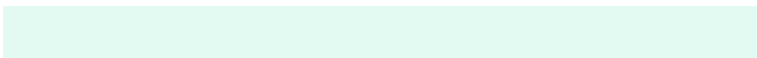
The Inverse Universe completely reimagines the original color for something new.



83.4116, 81.4356, 99.3193



85.4434, 81.7626, 102.6892



81.3997, 90.8810, 96.3166



17.8941, 17.4850, 21.2982



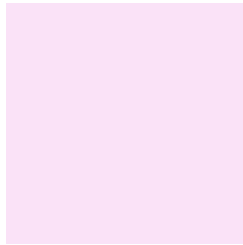
27.7132, 13.5010, 36.7939



2.5921, 1.2606, 3.5414

Previews

White Background



This preview shows how the XYZ color 83.4092, 81.4321, 99.3175 looks on a white background.

Color Contrast Check

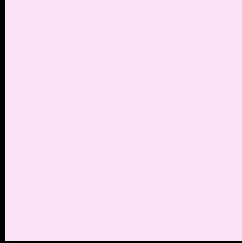
Large Text (above 18pt) WCAG AA × Fail

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 83.4092, 81.4321, 99.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

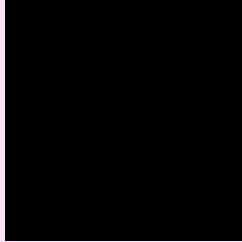
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4092, 81.4321, 99.3175

Background



This preview shows how black text looks on a background with the XYZ color 83.4092, 81.4321, 99.3175.



This preview shows how white text looks on a background with the XYZ color 83.4092, 81.4321,

99.3175.

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

83.4092, 81.4321, 99.3175

Protanopia

79.3906, 81.7712, 102.0416

Deuteranopia

83.0518, 81.2478, 99.3008



Tritanopia

82.9498, 81.2484, 96.8985

Trichromacy



Original Color

83.4092, 81.4321, 99.3175

Protanomaly

80.9923, 81.7839, 101.1397

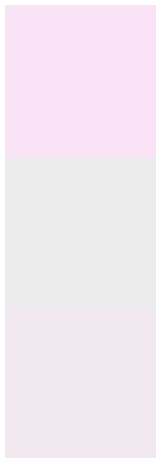
Deuteranomaly

83.0518, 81.2478, 99.3008

Tritanomaly

83.1021, 81.3093, 97.7005

Monochromacy



Original Color

83.4092, 81.4321, 99.3175

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8604, 82.7053, 94.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4092, 81.4321, 99.3175 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, 226, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 226, 247)  
}
```

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, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 226, 247) }
```

Border

The CSS property to change the border of an element to XYZ 83.4092, 81.4321, 99.3175 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, 226, 247) }
```


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

```
.border{ border-color:rgb(250, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 226,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4092, 81.4321, 99.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 226, 247) }
```

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

```
.background{ background-color: rgb(250,  
226, 247) }
```

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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