

Converting Colors

XYZ(83.4329, 83.6489, 92.6374)

Have a look what the booklet for
XYZ(83.4329, 83.6489, 92.6374)
contains.

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Color

**XYZ(83.4329, 83.6489,
92.6374)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE7EE
RGB	250, 231, 238
RGB Percent	98%, 91%, 93%
CMY	0.0196, 0.0941, 0.0667
CMYK	0.00, 0.08, 0.05, 0.02
HSL	338°, 66%, 94%
HSV	338°, 8%, 98%
XYZ	83.4329, 83.6489, 92.6374
YIQ	237.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

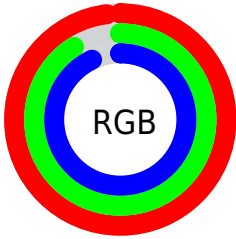
Format	Color
R _Y B	250, 231, 238
Decimal	16443374
CIE Lab	93.30, 7.63, -1.07
CIE LCh	93, 7.707, 352.031
Yxy	83.6489, 0.3212, 0.3221
Android (android.graphics.Color)	4294633454 (0xFFFAE7EE)
YUV	237.4790, 0.2569, 10.9809
Hunter-Lab	91.4598, 2.7795, 3.9684

Details

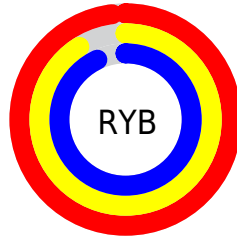
The XYZ color **83.4329, 83.6489, 92.6374** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3215, 91.8334, 98.1327**, and the grayscale version is **80.8607, 85.0717, 92.6431**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7658, 45.3748, 50.6021** is the 20% darker color. If you saturate the color by 10%, you get **74.7103, 69.7548, 78.7802**, and if you desaturate by 10%, it is **93.0414, 98.9869, 107.7962**.

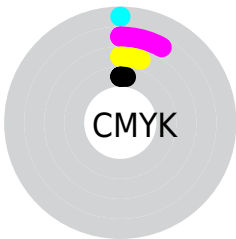
Distribution



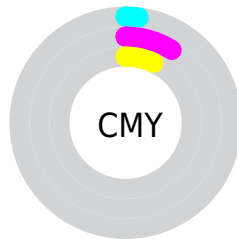
- Red (98%)
- Green (91%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4329, 83.6489, 92.6374 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 83.4329, 83.6489, 92.6374 by changing the saturation by 10% instead.

 83.4329, 83.6489,
92.6374

 83.4329, 83.6489,
92.6374


494.9903,
507.1466, 557.3633

 62.8655, 62.7256,
69.5842


137.1070,
138.4839, 152.9639

 45.9906, 45.6193,
50.7129


170.9443,
173.1645, 191.0742

 32.4430, 31.9455,
35.6050


209.9357,
213.1995, 235.0406

 21.8573, 21.3199,
23.8420

254.4465,
258.9735, 285.2817

 13.8681, 13.3580,
15.0054

304.8419,
310.8708, 342.2160

 8.1101, 7.6755,
8.6765

361.4875,

 4.2179, 3.8880,

369.2758, 406.2620

4.4369

424.7485,
434.5730, 477.8382

■ 1.8261, 1.6111,
1.8679

■ 0.5333, 0.3651,
0.4722

■ 83.4329, 83.6489,
92.6374

■ 83.4329, 83.6489,
92.6374

■ 74.7103, 69.7548,
78.7802

■ 93.0414, 98.9869,
107.7962

■ 67.1410, 57.8508,
66.2851

■ 93.2348, 99.0643,
108.8151

■ 60.6767, 47.8480,
55.1102

■ 55.2630, 39.6467,
45.2095

■ 50.8406, 33.1379,
36.5340

■ 47.3440, 28.2004,
29.0312

■ 44.6994, 24.6972,
22.6439

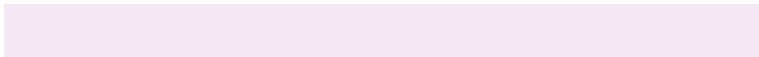
■ 42.8205, 22.4667,
17.3089

■ 41.5951, 21.2966,
12.9519

Harmonies

Analogous

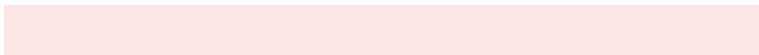
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6216, 83.6489, 98.1289



83.4329, 83.6489, 92.6374



83.1778, 83.6489, 86.9517

Triad

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



83.4329, 83.6489, 92.6374



78.0511, 83.6489, 81.1085



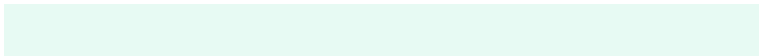
77.1293, 83.6489, 100.1760

Complementary

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



83.4329, 83.6489, 92.6374



83.3215, 91.8334, 98.1327

Split Complementary

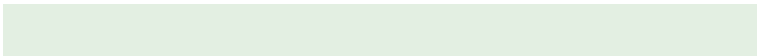
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9434, 83.6489, 95.3358



83.4329, 83.6489, 92.6374



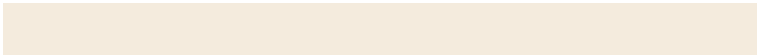
76.4692, 83.6489, 84.3760

Square

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



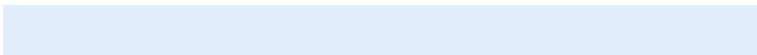
83.4329, 83.6489, 92.6374



80.0479, 83.6489, 80.4549



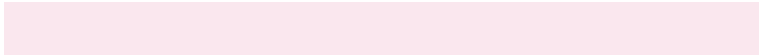
75.7038, 83.6489, 89.5390



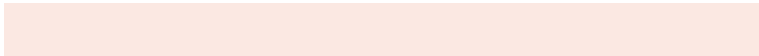
78.9661, 83.6489, 102.6005

Rectangle

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



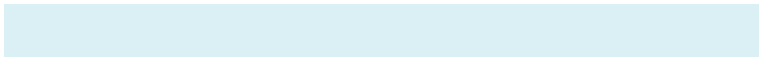
83.4329, 83.6489, 92.6374



82.4394, 83.6489, 83.8006



75.7038, 83.6489, 89.5390



76.6426, 83.6489, 98.7680

Sweetspot

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



83.4353, 83.6525, 92.6392



92.9301, 96.5833, 105.6558



82.6986, 83.0622, 102.1176



19.9131, 20.7086, 22.6488



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

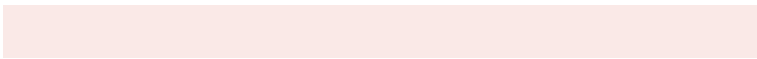
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4353, 83.6525, 92.6392



85.9136, 85.3225, 94.7704



83.0513, 84.4978, 87.5381



17.5089, 17.3309, 19.2695



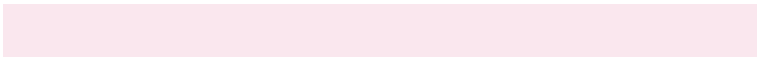
22.0015, 11.2163, 6.7164



2.0869, 1.0585, 0.8809

Inverse Universe

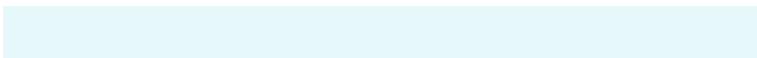
The Inverse Universe completely reimagines the original color for something new.



83.4353, 83.6525, 92.6392



85.9136, 85.3225, 94.7704



83.7139, 90.8950, 103.5759



17.5089, 17.3309, 19.2695



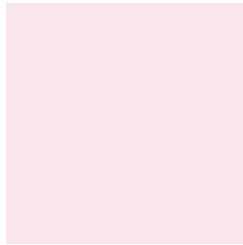
22.0015, 11.2163, 6.7164



2.0869, 1.0585, 0.8809

Previews

White Background



This preview shows how the XYZ color 83.4329, 83.6489, 92.6374 looks on a white background.

Color Contrast Check

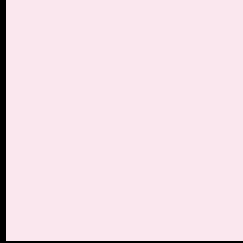
Large Text (above 18pt) WCAG AA × Fail

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 83.4329, 83.6489, 92.6374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

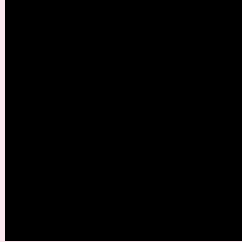
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4329, 83.6489, 92.6374

Background



This preview shows how black text looks on a background with the XYZ color 83.4329, 83.6489, 92.6374.



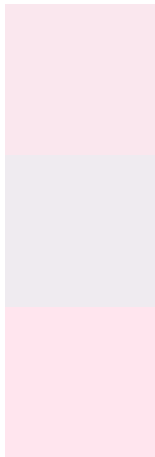
This preview shows how white text looks on a background with the XYZ color 83.4329, 83.6489,

92.6374.

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

83.4329, 83.6489, 92.6374

Protanopia

81.0331, 84.0587, 94.3921

Deuteranopia

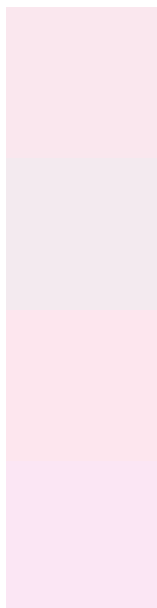
84.6919, 83.4717, 92.5368



Tritanopia

85.0238, 83.8802, 100.5162

Trichromacy



Original Color

83.4329, 83.6489, 92.6374

Protanomaly

81.9650, 84.1323, 93.5805

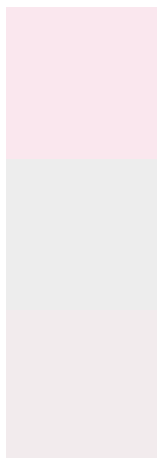
Deuteranomaly

84.2374, 83.6493, 92.5951

Tritanomaly

84.4096, 83.6345, 97.2822

Monochromacy



Original Color

83.4329, 83.6489, 92.6374

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.6123, 84.4083, 92.1118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4329, 83.6489, 92.6374 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 238) }
```

Border

The CSS property to change the border of an element to XYZ 83.4329, 83.6489, 92.6374 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, 238) }
```


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

```
.border{ border-color:rgb(250, 231, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4329, 83.6489, 92.6374 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, 238) }
```

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

```
.background{ background-color: rgb(250,  
231, 238) }
```

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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