

Converting Colors

XYZ(83.2829, 84.4073, 92.7917)

Have a look what the booklet for
XYZ(83.2829, 84.4073, 92.7917)
contains.

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Color

**XYZ(83.2829, 84.4073,
92.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E9EE
RGB	248, 233, 238
RGB Percent	97%, 91%, 93%
CMY	0.0274, 0.0863, 0.0667
CMYK	0.00, 0.06, 0.04, 0.03
HSL	340°, 52%, 94%
HSV	340°, 6%, 97%
XYZ	83.2829, 84.4073, 92.7917
YIQ	238.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

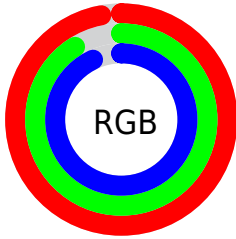
Format	Color
R _Y B	248, 233, 238
Decimal	16312814
CIE Lab	93.63, 5.93, -0.61
CIE LCh	94, 5.957, 354.163
Yxy	84.4073, 0.3197, 0.3240
Android (android.graphics.Color)	4294502894 (0xFF8E9EE)
YUV	238.0550, -0.0271, 8.7218
Hunter-Lab	91.8734, 1.0310, 4.4288

Details

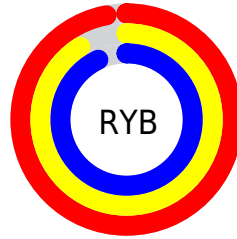
The XYZ color **83.2829, 84.4073, 92.7917** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.3525, 90.9316, 97.9568**, and the grayscale version is **81.3089, 85.5432, 93.1566**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9039, 46.0281, 50.7209** is the 20% darker color. If you saturate the color by 10%, you get **74.4310, 70.4140, 78.3994**, and if you desaturate by 10%, it is **92.4478, 98.6671, 108.3917**.

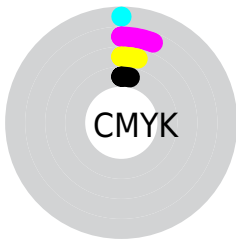
Distribution



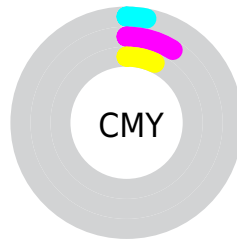
- Red (97%)
- Green (91%)
- Blue (93%)



- Red (97%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2829, 84.4073, 92.7917 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 83.2829, 84.4073, 92.7917 by changing the saturation by 10% instead.


 83.2829, 84.4073,
92.7917

 83.2829, 84.4073,
92.7917


494.4985,
509.6648, 557.8736

 62.7413, 63.3518,
69.7117


136.8981,
139.5448, 153.1794

 45.8898, 46.1258,
50.8162


170.7023,
174.3955, 191.3242

 32.3631, 32.3451,
35.6866


209.6582,
214.6135, 235.3276

 21.7959, 21.6253,
23.9045

254.1309,
260.5830, 285.6082

 13.8228, 13.5818,
15.0512

304.4860,
312.6885, 342.5846

 8.0784, 7.8304,
8.7083

361.0887,

 4.1974, 3.9866,

371.3143, 406.6753

4.4572

424.3045,
436.8450, 478.2988

■ 1.8144, 1.6661,
1.8794

■ 0.5263, 0.4015,
0.4796

■ 83.2829, 84.4073,
92.7917

■ 83.2829, 84.4073,
92.7917

■ 74.4310, 70.4140,
78.3994

■ 92.4478, 98.6671,
108.3917

■ 66.7396, 58.3954,
65.4646

■ 92.5219, 98.6967,
108.7817

■ 60.1613, 48.2651,
53.9418

■ 54.6421, 39.9259,
43.7808

■ 50.1237, 33.2721,
34.9284

■ 46.5419, 28.1867,
27.3273

■ 43.8243, 24.5374,
20.9157

■ 41.8872, 22.1700,
15.6252

■ 40.6282, 20.8935,
11.3781

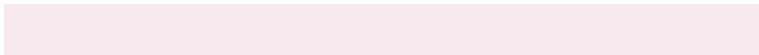
Harmonies

Analogous

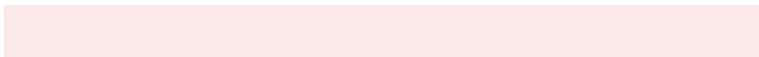
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7115, 84.4073, 97.0870



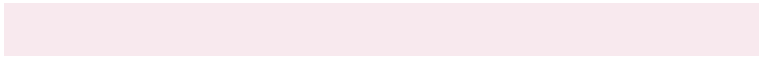
83.2829, 84.4073, 92.7917



83.0268, 84.4073, 88.3941

Triad

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



83.2829, 84.4073, 92.7917



78.9911, 84.4073, 84.2031



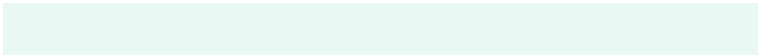
78.4633, 84.4073, 99.1309

Complementary

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



83.2829, 84.4073, 92.7917



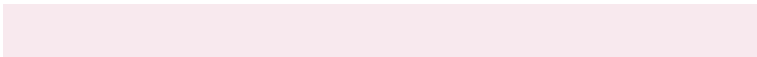
83.3525, 90.9316, 97.9568

Split Complementary

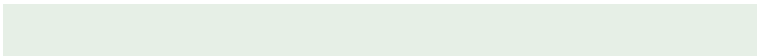
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4901, 84.4073, 95.5081



83.2829, 84.4073, 92.7917



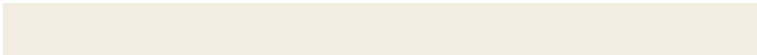
77.7920, 84.4073, 86.9111

Square

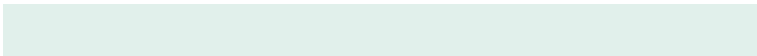
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



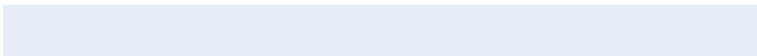
83.2829, 84.4073, 92.7917



80.5356, 84.4073, 83.5292



77.2460, 84.4073, 91.0244



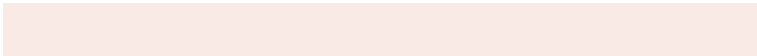
79.9185, 84.4073, 100.8232

Rectangle

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



83.2829, 84.4073, 92.7917



82.4228, 84.4073, 85.9834



77.2460, 84.4073, 91.0244



78.0698, 84.4073, 98.0929

Sweetspot

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



83.2853, 84.4110, 92.7935



92.9017, 96.5720, 105.5065



83.0472, 84.1137, 100.6665



19.9073, 20.7063, 22.6184



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

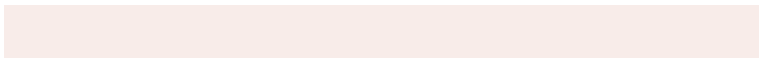
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2853, 84.4110, 92.7935



87.7599, 88.3922, 97.3066



83.2738, 85.5465, 89.2183



17.8626, 17.9220, 19.7460



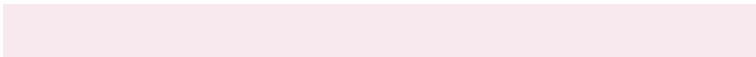
21.8054, 11.1379, 5.6836



2.0666, 1.0504, 0.7739

Inverse Universe

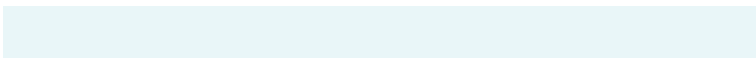
The Inverse Universe completely reimagines the original color for something new.



83.2853, 84.4110, 92.7935



87.7599, 88.3922, 97.3066



83.3542, 89.7110, 101.7308



17.8626, 17.9220, 19.7460



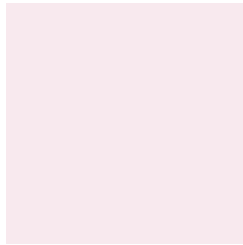
21.8054, 11.1379, 5.6836



2.0666, 1.0504, 0.7739

Previews

White Background



This preview shows how the XYZ color 83.2829, 84.4073, 92.7917 looks on a white background.

Color Contrast Check

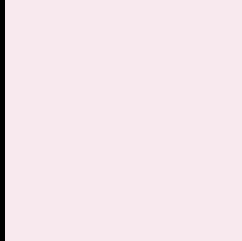
Large Text (above 18pt) WCAG AA × Fail

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 83.2829, 84.4073, 92.7917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

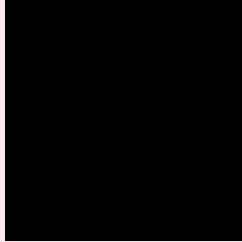
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.2829, 84.4073, 92.7917

Background



This preview shows how black text looks on a background with the XYZ color 83.2829, 84.4073, 92.7917.



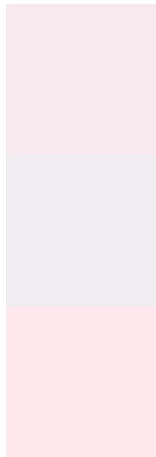
This preview shows how white text looks on a background with the XYZ color 83.2829, 84.4073,

92.7917.

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

83.2829, 84.4073, 92.7917

Protanopia

81.5106, 84.7482, 93.7233

Deuteranopia

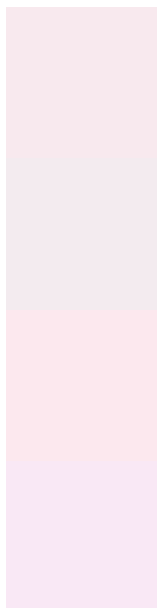
85.2485, 84.5849, 92.7224



Tritanopia

85.0991, 84.3154, 101.4118

Trichromacy



Original Color

83.2829, 84.4073, 92.7917

Protanomaly

82.2505, 84.7033, 93.6757

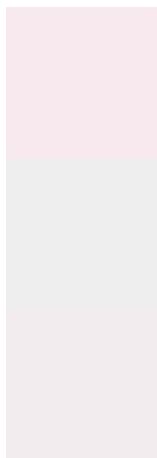
Deuteranomaly

84.4341, 84.5817, 92.7647

Tritanomaly

84.4050, 84.4455, 98.2372

Monochromacy



Original Color

83.2829, 84.4073, 92.7917

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.0460, 85.0412, 92.9792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2829, 84.4073, 92.7917 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(248, 233, 238) looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 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(248, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 238) }
```

Border

The CSS property to change the border of an element to XYZ 83.2829, 84.4073, 92.7917 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(248, 233, 238) }
```


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

```
.border{ border-color:rgb(248, 233, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2829, 84.4073, 92.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 238) }
```

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

```
.background{ background-color: rgb(248,  
233, 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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