

Converting Colors

XYZ(83.6468, 84.2944, 88.5785)

Have a look what the booklet for
XYZ(83.6468, 84.2944, 88.5785)
contains.

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Color

**XYZ(83.7095, 84.2919,
88.9488)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE8E9
RGB	252, 232, 233
RGB Percent	99%, 91%, 91%
CMY	0.0118, 0.0902, 0.0863
CMYK	0.00, 0.08, 0.08, 0.01
HSL	357°, 77%, 95%
HSV	357°, 8%, 99%
XYZ	83.7095, 84.2919, 88.9488
YIQ	238.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

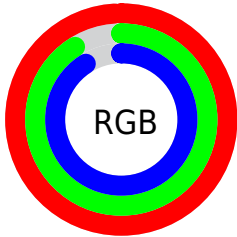
Format	Color
R _Y B	252, 232, 233
Decimal	16574697
CIE Lab	93.58, 6.96, 1.96
CIE LCh	94, 7.228, 15.755
Yxy	84.2919, 0.3258, 0.3280
Android (android.graphics.Color)	4294764777 (0xFFFC8E9)
YUV	238.0940, -2.5113, 12.1956
Hunter-Lab	91.8106, 2.0811, 6.8256

Details

The XYZ color **83.7095, 84.2919, 88.9488** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5049, 93.7438, 104.8592**, and the grayscale version is **81.3554, 85.5922, 93.2099**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9668, 45.8271, 48.0178** is the 20% darker color. If you saturate the color by 10%, you get **73.9268, 69.8336, 69.9410**, and if you desaturate by 10%, it is **93.9553, 99.4357, 108.8488**.

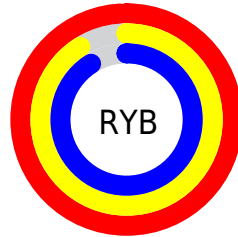
Distribution



Red (99%)

Green (91%)

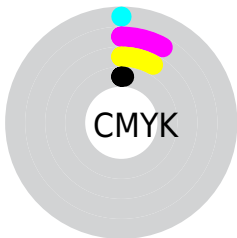
Blue (91%)



Red (99%)

Yellow (91%)

Blue (91%)

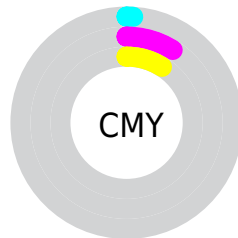


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7095, 84.2919, 88.9488 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 83.7095, 84.2919, 88.9488 by changing the saturation by 10% instead.


 83.7095, 84.2919,
88.9488

 83.7095, 84.2919,
88.9488


495.8963,
509.2821, 545.0870

 63.0945, 63.2565,
66.5403


137.4921,
139.3834, 147.8001

 46.1766, 46.0487,
48.2519


171.3904,
174.2083, 185.0800

 32.5904, 32.2843,
33.6650


210.4473,
214.3985, 228.1541

 21.9706, 21.5787,
22.3611

255.0279,
260.3383, 277.4410

 13.9518, 13.5477,
13.9216

305.4978,
312.4121, 333.3592

 8.1686, 7.8068,
7.9280

362.2223,

 4.2557, 3.9715,

371.0045, 396.3272

3.9618

425.5667,
436.4996, 466.7637

■ 1.8478, 1.6577,
1.6044

■ 0.5462, 0.3960,
0.2940

■ 83.7095, 84.2919,
88.9488

■ 83.7095, 84.2919,
88.9488

■ 73.9268, 69.8336,
69.9410

93.9553, 99.4357,
108.8488

■ 65.5613, 57.4978,
53.6031

■ 58.5496, 47.1880,
39.8171

■ 52.8204, 38.7960,
28.4542

■ 48.2961, 32.2033,
19.3744

■ 44.8904, 27.2785,
12.4232

■ 42.5057, 23.8720,
7.4270

■ 41.0279, 21.8080,
4.1851

■ 40.3069, 20.8507,
2.4510

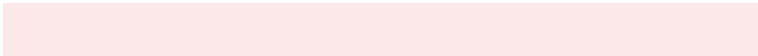
Harmonies

Analogous

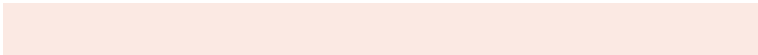
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7353, 84.2919, 94.3963



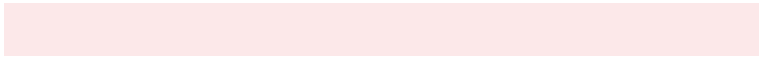
83.7095, 84.2919, 88.9488



82.7109, 84.2919, 84.4379

Triad

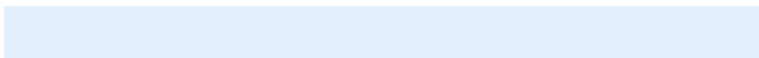
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.7095, 84.2919, 88.9488



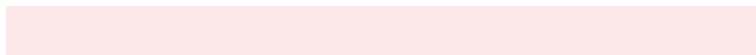
77.5107, 84.2919, 84.6237



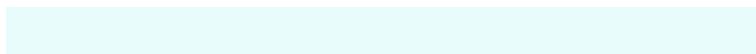
79.2152, 84.2919, 102.3735

Complementary

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



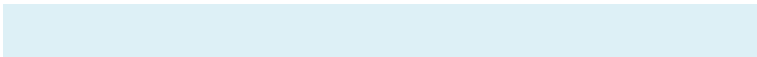
83.7095, 84.2919, 88.9488



85.5049, 93.7438, 104.8592

Split Complementary

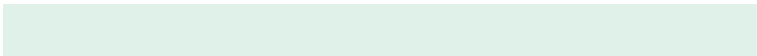
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5777, 84.2919, 99.5348



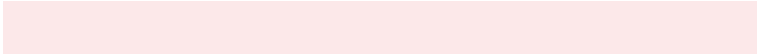
83.7095, 84.2919, 88.9488



76.6043, 84.2919, 89.2116

Square

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



83.7095, 84.2919, 88.9488



79.1223, 84.2919, 82.0095



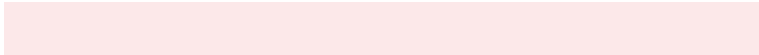
76.6286, 84.2919, 94.6697



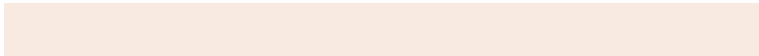
81.1198, 84.2919, 102.2963

Rectangle

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



83.7095, 84.2919, 88.9488



81.6369, 84.2919, 82.5054



76.6286, 84.2919, 94.6697



78.6159, 84.2919, 101.7239

Sweetspot

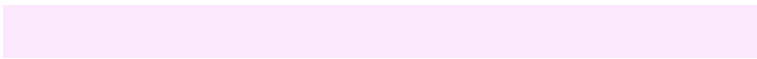
The Sweet Spot groups the original color and five complimentary colors.



83.7119, 84.2956, 88.9506



92.6740, 96.4809, 104.3073



86.2134, 85.2545, 104.0083



19.8609, 20.6877, 22.3742



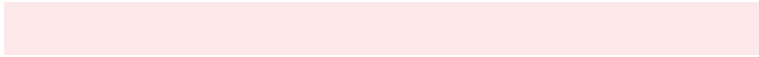
0.0000, 0.0000, 0.0000



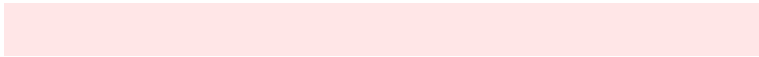
20.3446, 21.4041, 23.3091

Same Dimension

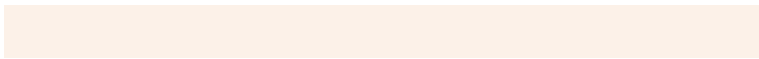
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7119, 84.2956, 88.9506



83.7891, 83.3322, 87.0994



86.1681, 89.4351, 89.0696



17.2796, 17.2392, 18.0623



20.9634, 10.8011, 1.2497



1.9535, 1.0051, 0.1786

Inverse Universe

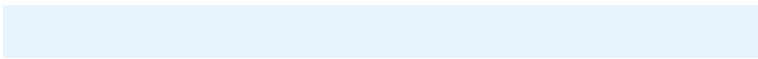
The Inverse Universe completely reimagines the original color for something new.



83.7119, 84.2956, 88.9506



83.7891, 83.3322, 87.0994



82.9032, 88.2884, 104.7684



17.2796, 17.2392, 18.0623



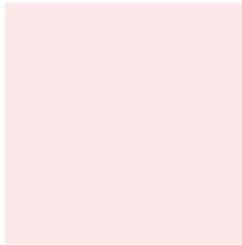
20.9634, 10.8011, 1.2497



1.9535, 1.0051, 0.1786

Previews

White Background



This preview shows how the XYZ color 83.7095, 84.2919, 88.9488 looks on a white background.

Color Contrast Check

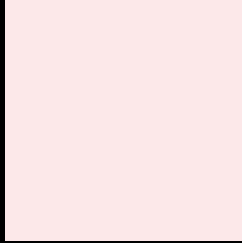
Large Text (above 18pt) WCAG AA × Fail

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 83.7095, 84.2919, 88.9488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

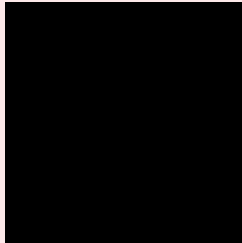
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

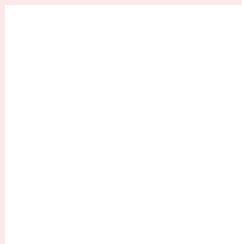
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.7095, 84.2919, 88.9488

Background



This preview shows how black text looks on a background with the XYZ color 83.7095, 84.2919, 88.9488.



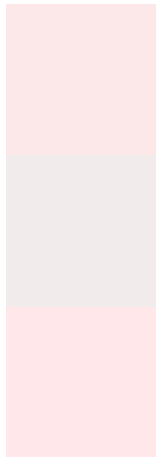
This preview shows how white text looks on a background with the XYZ color 83.7095, 84.2919,

88.9488.

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

83.7095, 84.2919, 88.9488

Protanopia

80.9794, 84.1156, 90.5651

Deuteranopia

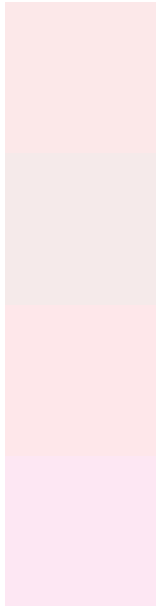
84.6672, 84.3523, 89.6611



Tritanopia

86.1131, 84.4418, 100.5672

Trichromacy



Original Color

83.7095, 84.2919, 88.9488

Protanomaly

81.9303, 84.1986, 89.7757

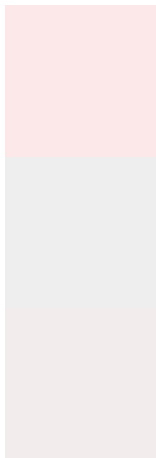
Deuteranomaly

84.3002, 84.1632, 89.6439

Tritanomaly

85.2616, 84.5055, 96.6115

Monochromacy



Original Color

83.7095, 84.2919, 88.9488

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.0979, 85.1017, 91.4561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7095, 84.2919, 88.9488 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(252, 232, 233) looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 233)  
}
```

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(252, 232, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 233) }
```

Border

The CSS property to change the border of an element to XYZ 83.7095, 84.2919, 88.9488 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(252, 232, 233) }
```


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

```
.border{ border-color:rgb(252, 232, 233) }
```

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

Here you see how a box with a 4 pixel rgb(252, 232, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7095, 84.2919, 88.9488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 233) }
```

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

```
.background{ background-color: rgb(252,  
232, 233) }
```

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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