

Converting Colors

XYZ(85.7697, 89.5151, 92.2439)

Have a look what the booklet for
XYZ(85.7697, 89.5151, 92.2439)
contains.

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Color

**XYZ(85.9594, 89.7001,
92.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F2EC
RGB	249, 242, 236
RGB Percent	98%, 95%, 93%
CMY	0.0235, 0.0510, 0.0745
CMYK	0.00, 0.03, 0.05, 0.02
HSL	28°, 52%, 95%
HSV	28°, 5%, 98%
XYZ	85.9594, 89.7001, 92.1402
YIQ	243.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

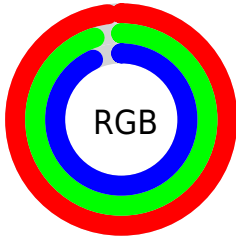
Format	Color
R_{YB}	249, 247, 236
Decimal	16380652
CIE _{Lab}	95.87, 1.32, 3.71
CIE _{LCh}	96, 3.938, 70.412
Yxy	89.7001, 0.3210, 0.3350
Android (android.graphics.Color)	4294570732 (0xFFFF9F2EC)
YUV	243.4090, -3.6526, 4.9033
Hunter-Lab	94.7101, -3.7352, 8.6159

Details

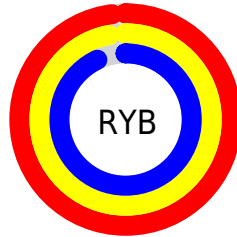
The XYZ color **85.9594, 89.7001, 92.1402** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7416, 88.7724, 102.3449**, and the grayscale version is **85.5441, 89.9991, 98.0090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7894, 49.7506, 50.2641** is the 20% darker color. If you saturate the color by 10%, you get **78.7485, 80.6692, 73.1150**, and if you desaturate by 10%, it is **92.8774, 98.8800, 108.7983**.

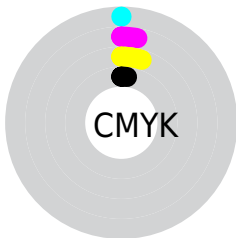
Distribution



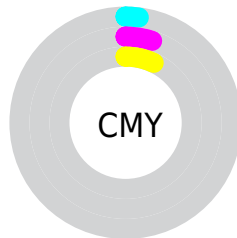
- Red (98%)
- Green (95%)
- Blue (93%)



- Red (98%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9594, 89.7001, 92.1402 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 85.9594, 89.7001, 92.1402 by changing the saturation by 10% instead.

85.9594, 89.7001,
92.1402

85.9594, 89.7001,
92.1402

503.2333,
527.0548, 555.7173

64.9596, 67.7319,
69.1734

140.6200,
146.9217, 152.2691

47.6929, 49.6797,
50.3803

175.0114,
182.9440, 190.2682

33.7940, 35.1590,
35.3424

214.5974,
224.4198, 234.1152

22.8975, 23.7853,
23.6411

259.7433,
271.7334, 284.2287

14.6381, 15.1745,
14.8578

310.8145,
325.2694, 341.0270

8.6505, 8.9419,
8.5742

368.1763,

4.5692, 4.7033,

385.4120, 404.9289

4.3715

432.1941,
452.5457, 476.3528

■ 2.0289, 2.0743,
1.8313

■ 0.6501, 0.6501,
0.4485

■ 85.9594, 89.7001,
92.1402

■ 85.9594, 89.7001,
92.1402

■ 78.7485, 80.6692,
73.1150

■ 92.8774, 98.8800,
108.7983

■ 72.3049, 72.3999,
56.7304

■ 66.6024, 64.8744,
42.8694

■ 61.6103, 58.0697,
31.4037

■ 57.2958, 51.9617,
22.1938

■ 53.6229, 46.5244,
15.0854

■ 50.5514, 41.7298,
9.9048

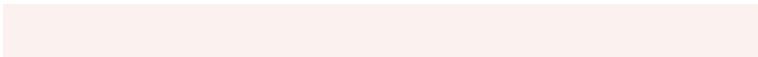
■ 48.0356, 37.5470,
6.4494

■ 46.0204, 33.9407,
4.4703

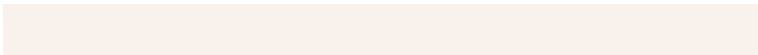
Harmonies

Analogous

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



86.8575, 89.7001, 93.8413



85.9594, 89.7001, 92.1402



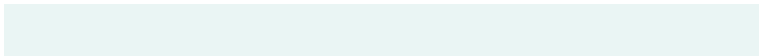
84.8803, 89.7001, 91.9022

Triad

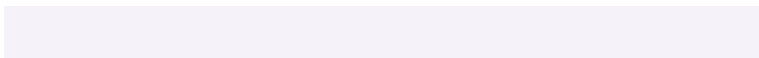
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9594, 89.7001, 92.1402



83.2194, 89.7001, 98.7533



86.6185, 89.7001, 102.2939

Complementary

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



85.9594, 89.7001, 92.1402



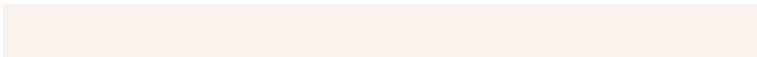
83.7416, 88.7724, 102.3449

Split Complementary

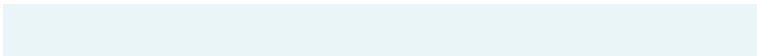
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6353, 89.7001, 103.6704



85.9594, 89.7001, 92.1402



83.6768, 89.7001, 101.5976

Square

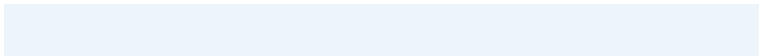
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



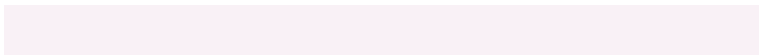
85.9594, 89.7001, 92.1402



83.3045, 89.7001, 95.6765



84.5589, 89.7001, 103.4129



87.2402, 89.7001, 99.6873

Rectangle

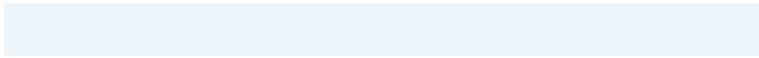
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9594, 89.7001, 92.1402



84.2043, 89.7001, 92.5997



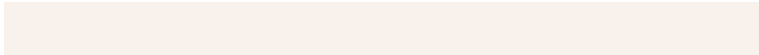
84.5589, 89.7001, 103.4129



86.3190, 89.7001, 102.9183

Sweetspot

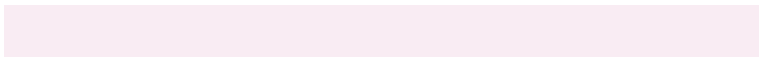
The Sweet Spot groups the original color and five complimentary colors.



85.9619, 89.7040, 92.1421



93.3703, 97.9373, 104.3429



85.2640, 86.6122, 97.1380



20.0027, 20.9843, 22.3814



0.0000, 0.0000, 0.0000



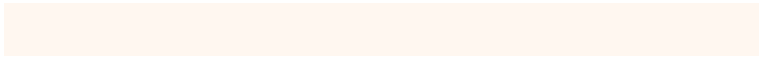
20.3446, 21.4041, 23.3091

Same Dimension

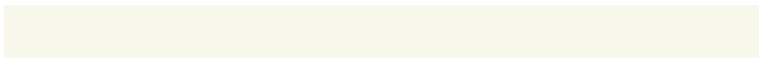
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9619, 89.7040, 92.1421



90.1130, 93.9123, 95.5820



87.8836, 93.5474, 92.7827



18.3601, 19.1134, 19.3067



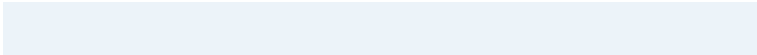
24.3326, 17.6218, 2.1189



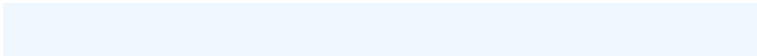
2.3584, 1.8416, 0.2312

Inverse Universe

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



83.7416, 88.7724, 102.3449



87.4304, 92.7867, 107.9093



81.8752, 85.0397, 101.7228



17.7545, 18.8593, 22.0897



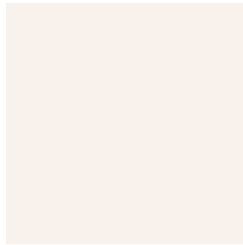
13.8596, 13.0748, 49.7668



1.3897, 1.4231, 4.6446

Previews

White Background



This preview shows how the XYZ color 85.9594, 89.7001, 92.1402 looks on a white background.

Color Contrast Check

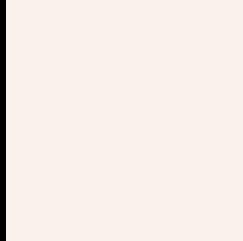
Large Text (above 18pt) WCAG AA × Fail

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 85.9594, 89.7001, 92.1402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

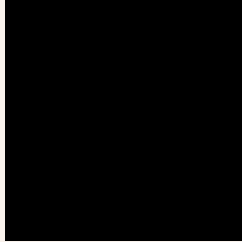
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

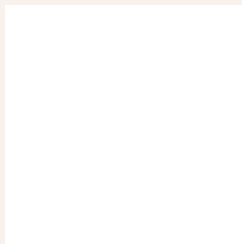
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9594, 89.7001, 92.1402

Background



This preview shows how black text looks on a background with the XYZ color 85.9594, 89.7001, 92.1402.



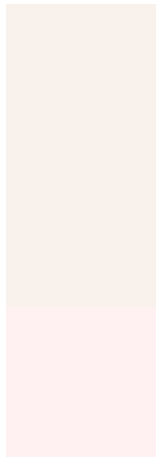
This preview shows how white text looks on a background with the XYZ color 85.9594, 89.7001,

92.1402.

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

85.9594, 89.7001, 92.1402

Protanopia

85.9594, 89.7001, 92.1402

Deuteranopia

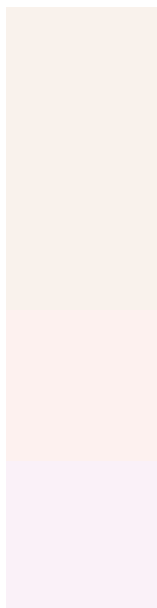
88.2773, 89.9311, 95.9248



Tritanopia

88.9937, 90.0494, 107.2985

Trichromacy



Original Color

85.9594, 89.7001, 92.1402

Protanomaly

85.9594, 89.7001, 92.1402

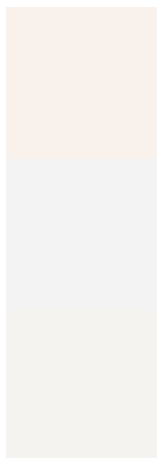
Deuteranomaly

87.5433, 90.0252, 94.4239

Tritanomaly

87.8229, 90.0119, 101.5522

Monochromacy



Original Color

85.9594, 89.7001, 92.1402

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.4350, 89.8049, 95.2693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9594, 89.7001, 92.1402 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(249, 242, 236) looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 236)  
}
```

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(249, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.9594, 89.7001, 92.1402 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(249, 242, 236) }
```


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

```
.border{ border-color:rgb(249, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9594, 89.7001, 92.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 236) }
```

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

```
.background{ background-color: rgb(249,  
242, 236) }
```

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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