

Converting Colors

XYZ(83.1322, 83.9777, 89.6697)

Have a look what the booklet for
XYZ(83.1322, 83.9777, 89.6697)
contains.

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Color

**XYZ(83.1322, 83.9777,
89.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8EA
RGB	250, 232, 234
RGB Percent	98%, 91%, 92%
CMY	0.0196, 0.0902, 0.0823
CMYK	0.00, 0.07, 0.06, 0.02
HSL	353°, 64%, 95%
HSV	353°, 7%, 98%
XYZ	83.1322, 83.9777, 89.6697
YIQ	237.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

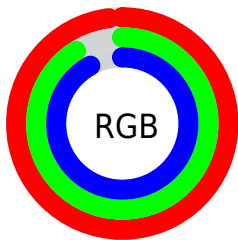
Format	Color
R_{YB}	250, 232, 234
Decimal	16443626
CIE Lab	93.44, 6.44, 1.22
CIE LCh	93, 6.555, 10.760
Yxy	83.9777, 0.3237, 0.3270
Android (android.graphics.Color)	4294633706 (0xFFFAE8EA)
YUV	237.6100, -1.7797, 10.8660
Hunter-Lab	91.6393, 1.5605, 6.1319

Details

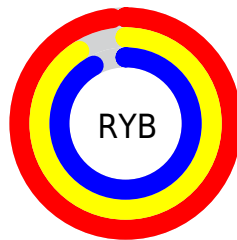
The XYZ color **83.1322, 83.9777, 89.6697** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4107, 92.3064, 102.1794**, and the grayscale version is **80.9764, 85.1935, 92.7757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5535, 45.6025, 48.5207** is the 20% darker color. If you saturate the color by 10%, you get **73.5942, 69.6947, 71.7117**, and if you desaturate by 10%, it is **93.2348, 99.0642, 108.8150**.

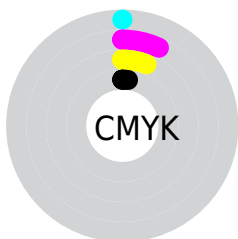
Distribution



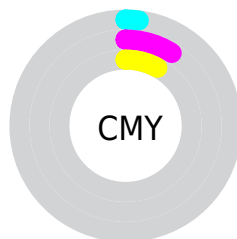
- Red (98%)
- Green (91%)
- Blue (92%)



- Red (98%)
- Yellow (91%)
- Blue (92%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1322, 83.9777, 89.6697 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 83.1322, 83.9777, 89.6697 by changing the saturation by 10% instead.


 83.1322, 83.9777,
89.6697

 83.1322, 83.9777,
89.6697


494.0043,
508.2392, 547.4982

 62.6165, 62.9970,
67.1346


136.6882,
138.9440, 148.8110

 45.7885, 45.8388,
48.7317

170.4591,
173.6984, 186.2543

 32.2829, 32.1186,
34.0426


209.3792,
213.8128, 229.5040

 21.7343, 21.4521,
22.6487

253.8138,
259.6717, 278.9787

 13.7773, 13.4549,
14.1315

304.1283,
311.6593, 335.0969

 8.0466, 7.7425,
8.0724

360.6879,

 4.1768, 3.9306,

370.1602, 398.2772

4.0529

423.8582,
435.5587, 468.9381

■ 1.8027, 1.6348,
1.6544

■ 0.5193, 0.3809,
0.3292

■ 83.1322, 83.9777,
89.6697

■ 83.1322, 83.9777,
89.6697

■ 73.5942, 69.6947,
71.7117

■ 93.2348, 99.0642,
108.8150

■ 65.3986, 57.4803,
56.1037

■ 58.4873, 47.2419,
42.7500

■ 52.7947, 38.8754,
31.5462

■ 48.2497, 32.2674,
22.3795

■ 44.7736, 27.2921,
15.1268

■ 42.2780, 23.8069,
9.6517

■ 40.6597, 21.6448,
5.7996

■ 39.7889, 20.5915,
3.3873

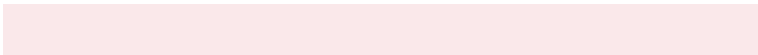
Harmonies

Analogous

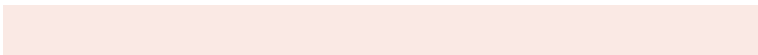
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0014, 83.9777, 94.6139



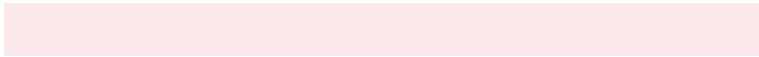
83.1322, 83.9777, 89.6697



82.3654, 83.9777, 85.3554

Triad

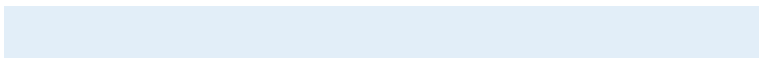
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.1322, 83.9777, 89.6697



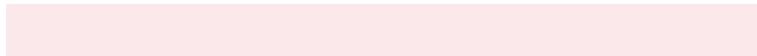
77.6654, 83.9777, 84.4073



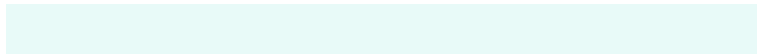
78.7268, 83.9777, 100.7335

Complementary

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



83.1322, 83.9777, 89.6697



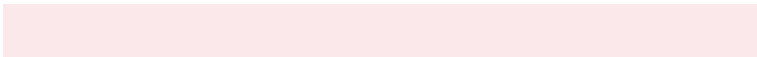
84.4107, 92.3064, 102.1794

Split Complementary

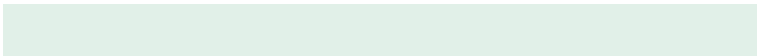
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3242, 83.9777, 97.8017



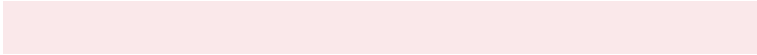
83.1322, 83.9777, 89.6697



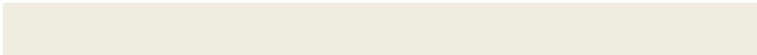
76.7176, 83.9777, 88.3329

Square

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



83.1322, 83.9777, 89.6697



79.1986, 83.9777, 82.3909



76.5936, 83.9777, 93.2283



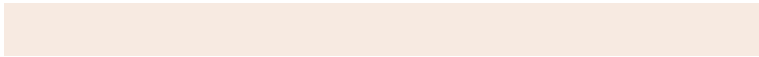
80.4412, 83.9777, 101.1230

Rectangle

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



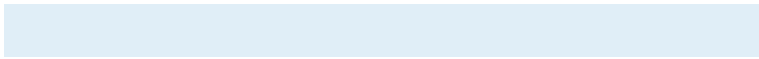
83.1322, 83.9777, 89.6697



81.4548, 83.9777, 83.3713



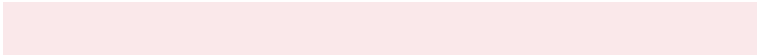
76.5936, 83.9777, 93.2283



78.2039, 83.9777, 100.0078

Sweetspot

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



83.1346, 83.9814, 89.6715



92.7230, 96.5005, 104.5652



84.7904, 84.5573, 102.2957



19.8709, 20.6917, 22.4267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

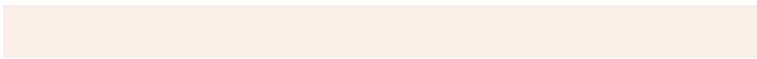
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1346, 83.9814, 89.6715



85.0477, 84.9762, 90.2106



84.8295, 87.8276, 88.8298



17.3229, 17.2565, 18.2899



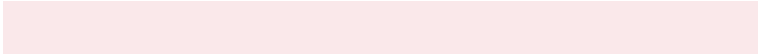
21.0466, 10.8344, 1.6879



1.9740, 1.0133, 0.2865

Inverse Universe

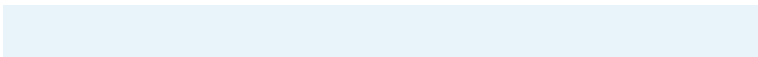
The Inverse Universe completely reimagines the original color for something new.



83.1346, 83.9814, 89.6715



85.0477, 84.9762, 90.2106



82.6176, 88.2218, 103.1176



17.3229, 17.2565, 18.2899



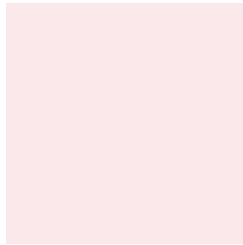
21.0466, 10.8344, 1.6879



1.9740, 1.0133, 0.2865

Previews

White Background



This preview shows how the XYZ color 83.1322, 83.9777, 89.6697 looks on a white background.

Color Contrast Check

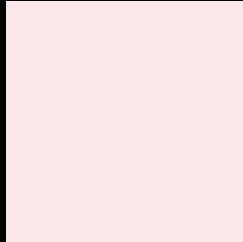
Large Text (above 18pt) WCAG AA × Fail

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 83.1322, 83.9777, 89.6697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

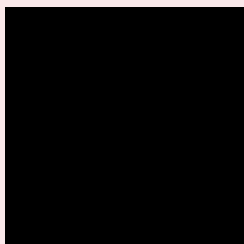
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1322, 83.9777, 89.6697

Background



This preview shows how black text looks on a background with the XYZ color 83.1322, 83.9777, 89.6697.



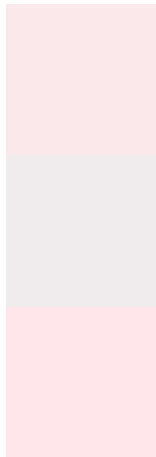
This preview shows how white text looks on a background with the XYZ color 83.1322, 83.9777,

89.6697.

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

83.1322, 83.9777, 89.6697

Protanopia

80.7838, 83.9981, 91.3124

Deuteranopia

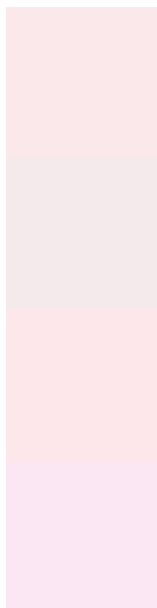
84.5322, 83.8518, 90.3269



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

83.1322, 83.9777, 89.6697

Protanomaly

81.7264, 84.0769, 90.5183

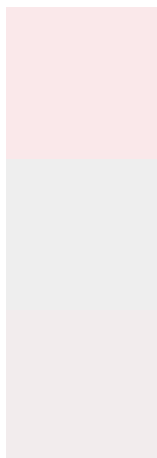
Deuteranomaly

84.0793, 84.0326, 90.3857

Tritanomaly

84.5372, 84.1321, 96.5776

Monochromacy



Original Color

83.1322, 83.9777, 89.6697

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8995, 84.9826, 92.2075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1322, 83.9777, 89.6697 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, 232, 234) looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 234)  
}
```

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, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 234) }
```

Border

The CSS property to change the border of an element to XYZ 83.1322, 83.9777, 89.6697 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, 232, 234) }
```


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

```
.border{ border-color:rgb(250, 232, 234) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1322, 83.9777, 89.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 234) }
```

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

```
.background{ background-color: rgb(250,  
232, 234) }
```

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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