

Converting Colors

XYZ(83.5090, 86.6537,
102.1908)

Have a look what the booklet for
XYZ(83.5090, 86.6537, 102.1908)
contains.

XYZ(83.2700, 86.3393, 101.8989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.2700, 86.3393,
101.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEEF9
RGB	239, 238, 249
RGB Percent	94%, 93%, 98%
CMY	0.0627, 0.0666, 0.0235
CMYK	0.04, 0.04, 0.00, 0.02
HSL	245°, 48%, 95%
HSV	245°, 4%, 98%
XYZ	83.2700, 86.3393, 101.8989
YIQ	239.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

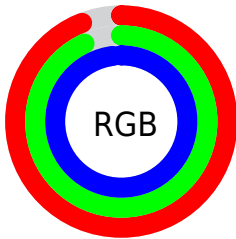
Format	Color
R _Y B	239, 238, 249
Decimal	15724281
CIE Lab	94.46, 2.32, -5.19
CIE LCh	94, 5.682, 294.132
Yxy	86.3393, 0.3067, 0.3180
Android (android.graphics.Color)	4293914361 (0xFFEFEEF9)
YUV	239.5530, 4.6574, -0.4850
Hunter-Lab	92.9189, -2.6441, 0.0233

Details

The XYZ color **83.2700, 86.3393, 101.8989** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0229, 93.8832, 94.3751**, and the grayscale version is **82.4436, 86.7371, 94.4567**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8820, 47.3734, 57.1778** is the 20% darker color. If you saturate the color by 10%, you get **69.3446, 69.1346, 99.3133**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8928**.

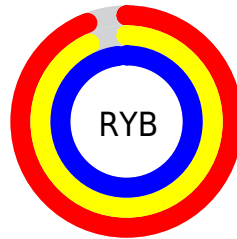
Distribution



Red (94%)

Green (93%)

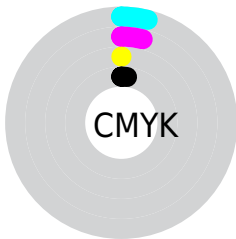
Blue (98%)



Red (94%)

Yellow (93%)

Blue (98%)

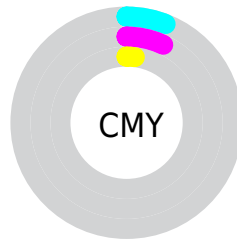


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (2%)



Cyan (6%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.2700, 86.3393, 101.8989 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 83.2700, 86.3393, 101.8989 by changing the saturation by 10% instead.

83.2700, 86.3393,
101.8989

83.2700, 86.3393,
101.8989

494.4562,
516.0493, 587.5623

62.7306, 64.9486,
77.2616

136.8801,
142.2429, 165.8388

45.8811, 47.4194,
56.9548

170.6815,
177.5245, 205.9786

32.3562, 33.3673,
40.5598

209.6343,
218.2053, 252.1230

21.7906, 22.4080,
27.6582

254.1038,
264.6695, 304.6904

13.8189, 14.1570,
17.8314

304.4554,
317.3017, 364.0996

8.0756, 8.2299,
10.6608

361.0544,

4.1956, 4.2424,

376.4861, 430.7689

5.7279

424.2663,
442.6072, 505.1170

■ 1.8134, 1.8101,
2.6143

■ 0.5257, 0.4934,
0.8998

■ 83.2700, 86.3393,
101.8989

■ 83.2700, 86.3393,
101.8989

■ 69.3446, 69.1346,
99.3133

■ 94.0991, 99.6197,
103.8928

■ 57.3009, 54.3253,
97.0896

■ 47.0603, 41.8082,
95.2133

■ 38.5356, 31.4686,
93.6669

■ 31.6327, 23.1818,
92.4312

■ 26.2479, 16.8104,
91.4852

■ 22.2659, 12.2002,
90.8052

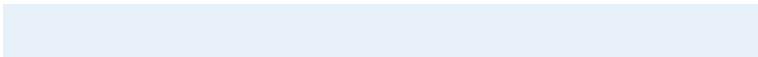
■ 19.5544, 9.1729,
90.3638

■ 17.9550, 7.5121,
90.1275

Harmonies

Analogous

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



81.7629, 86.3393, 102.6301



83.2700, 86.3393, 101.8989



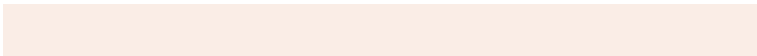
84.4670, 86.3393, 99.0257

Triad

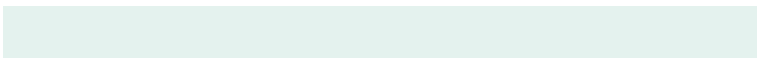
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.2700, 86.3393, 101.8989



83.7965, 86.3393, 87.3535



79.1748, 86.3393, 93.1512

Complementary

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



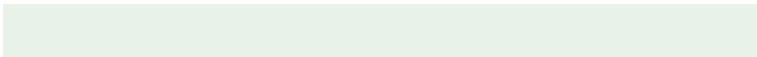
83.2700, 86.3393, 101.8989



88.0229, 93.8832, 94.3751

Split Complementary

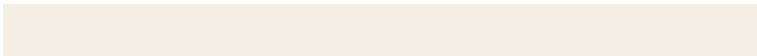
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7049, 86.3393, 89.1643



83.2700, 86.3393, 101.8989



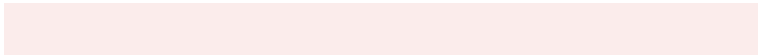
82.3637, 86.3393, 85.8844

Square

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



83.2700, 86.3393, 101.8989



84.7735, 86.3393, 90.6104



80.8676, 86.3393, 86.5369



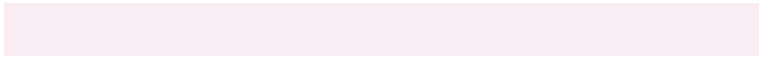
79.4107, 86.3393, 97.4911

Rectangle

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



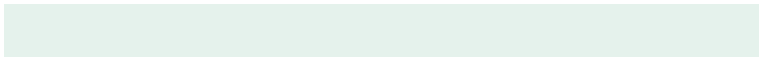
83.2700, 86.3393, 101.8989



84.9216, 86.3393, 96.3283



80.8676, 86.3393, 86.5369



79.2691, 86.3393, 91.7268

Sweetspot

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



83.2725, 86.3430, 101.9008



93.3939, 97.9466, 108.5909



85.9545, 92.2050, 102.8909



20.0076, 20.9862, 23.2462



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.



83.2725, 86.3430, 101.9008



86.9787, 90.0000, 107.3952



85.1294, 87.3002, 101.9877



17.6019, 18.1686, 21.9645



9.3857, 3.7812, 48.2087



0.9171, 0.3749, 4.4672

Inverse Universe

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



86.5878, 88.0700, 101.2468



90.9311, 92.0590, 106.6123



86.1295, 92.9071, 94.2865



18.5196, 18.6467, 21.7818



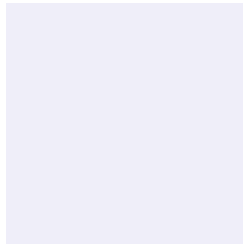
28.3203, 13.7438, 39.9904



2.6422, 1.2806, 3.8052

Previews

White Background



This preview shows how the XYZ color 83.2700, 86.3393, 101.8989 looks on a white background.

Color Contrast Check

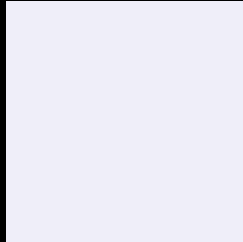
Large Text (above 18pt) WCAG AA × Fail

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 83.2700, 86.3393, 101.8989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

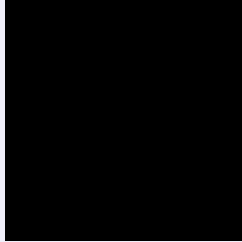
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.2700, 86.3393, 101.8989

Background



This preview shows how black text looks on a background with the XYZ color 83.2700, 86.3393, 101.8989.



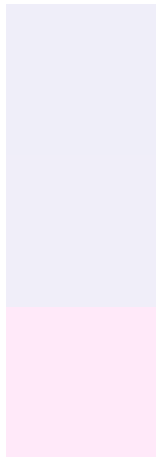
This preview shows how white text looks on a background with the XYZ color 83.2700, 86.3393,

101.8989.

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

83.2700, 86.3393, 101.8989

Protanopia

83.6086, 86.5139, 101.9147

Deuteranopia

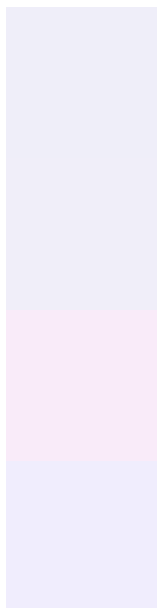
87.4778, 86.3774, 101.6845



Tritanopia

84.2694, 86.3136, 106.8265

Trichromacy



Original Color

83.2700, 86.3393, 101.8989

Protanomaly

83.6086, 86.5139, 101.9147

Deuteranomaly

85.8741, 86.3960, 101.7726

Tritanomaly

83.9490, 86.1855, 105.1394

Monochromacy



Original Color

83.2700, 86.3393, 101.8989

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.9793, 86.7293, 97.1610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2700, 86.3393, 101.8989 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(239, 238, 249) looks like.

```
.text, #text, p{  
    color:rgb(239, 238, 249)  
}
```

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(239, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 238, 249) }
```

Border

The CSS property to change the border of an element to XYZ 83.2700, 86.3393, 101.8989 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(239, 238, 249) }
```


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

```
.border{ border-color:rgb(239, 238, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 238,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2700, 86.3393, 101.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 238, 249) }
```

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

```
.background{ background-color: rgb(239,  
238, 249) }
```

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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