

Converting Colors

XYZ(88.3506, 87.1614, 93.0127)

Have a look what the booklet for
XYZ(88.3506, 87.1614, 93.0127)
contains.

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Color

**XYZ(85.8115, 85.7109,
92.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9EE
RGB	255, 233, 238
RGB Percent	100%, 91%, 93%
CMY	0.0000, 0.0863, 0.0667
CMYK	0.00, 0.09, 0.07, 0.00
HSL	346°, 100%, 96%
HSV	346°, 9%, 100%
XYZ	85.8115, 85.7109, 92.9100
YIQ	240.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

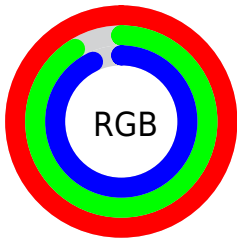
Format	Color
R _Y B	255, 233, 238
Decimal	16771566
CIE Lab	94.19, 8.30, 0.28
CIE LCh	94, 8.304, 1.944
Yxy	85.7109, 0.3245, 0.3241
Android (android.graphics.Color)	4294961646 (0xFFFE9EE)
YUV	240.1480, -1.0590, 13.0252
Hunter-Lab	92.5802, 3.4343, 5.3049

Details

The XYZ color **85.8115, 85.7109, 92.9100** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6223, 95.7471, 104.3618**, and the grayscale version is **82.9438, 87.2634, 95.0298**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4543, 46.8274, 50.7935** is the 20% darker color. If you saturate the color by 10%, you get **76.3690, 71.2086, 76.2507**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

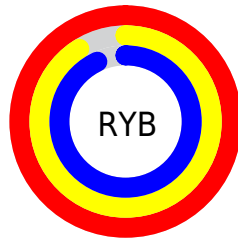
Distribution



Red (100%)

Green (91%)

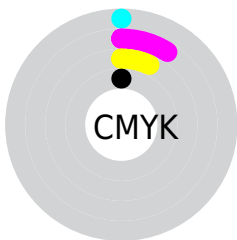
Blue (93%)



Red (100%)

Yellow (91%)

Blue (93%)

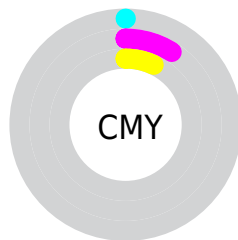


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8115, 85.7109, 92.9100 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 85.8115, 85.7109, 92.9100 by changing the saturation by 10% instead.


 85.8115, 85.7109,
92.9100

 85.8115, 85.7109,
92.9100


502.7528,
513.9775, 558.2647

 64.8369, 64.4289,
69.8095


140.4146,
141.3660, 153.3446

 47.5930, 46.9982,
50.8954


174.7738,
176.5079, 191.5158

 33.7146, 33.0342,
35.7492


214.3251,
217.0386, 235.5476

 22.8363, 22.1527,
23.9524

259.4341,
263.3424, 285.8585

 14.5927, 13.9691,
15.0864

310.4660,
315.8039, 342.8672

 8.6185, 8.0992,
8.7328

367.7862,

 4.5483, 4.1585,

374.8072, 406.9920

4.4729

431.7600,
440.7370, 478.6517

■ 2.0168, 1.7626,
1.8882

■ 0.6433, 0.4637,
0.4852

■ 85.8115, 85.7109,
92.9100

■ 85.8115, 85.7109,
92.9100

■ 76.3690, 71.2086,
76.2507

95.0500, 100.0000,
108.9000

■ 68.2299, 58.8227,
61.5385

■ 61.3378, 48.4569,
48.7029

■ 55.6298, 40.0033,
37.6671

■ 51.0372, 33.3441,
28.3490

■ 47.4843, 28.3483,
20.6597

■ 44.8852, 24.8666,
14.5018

■ 43.1399, 22.7232,
9.7669

■ 42.1104, 21.6690,
6.3256

Harmonies

Analogous

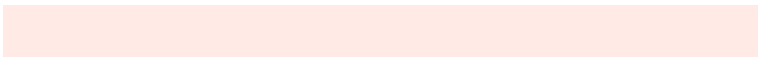
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2952, 85.7109, 99.1998



85.8115, 85.7109, 92.9100



85.1458, 85.7109, 86.9980

Triad

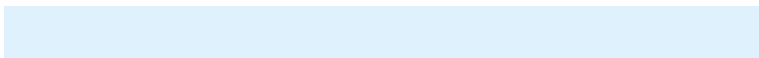
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8115, 85.7109, 92.9100



79.2255, 85.7109, 83.3201



79.4723, 85.7109, 104.5467

Complementary

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



85.8115, 85.7109, 92.9100



86.6223, 95.7471, 104.3618

Split Complementary

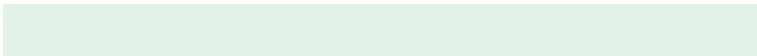
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8930, 85.7109, 99.9507



85.8115, 85.7109, 92.9100



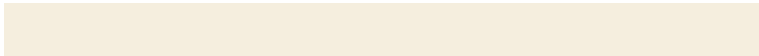
77.7524, 85.7109, 87.6861

Square

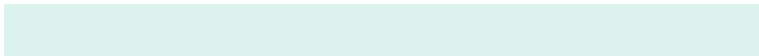
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



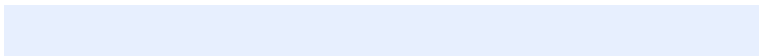
85.8115, 85.7109, 92.9100



81.3207, 85.7109, 81.6199



77.2690, 85.7109, 93.7404



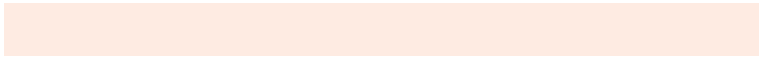
81.6107, 85.7109, 106.0980

Rectangle

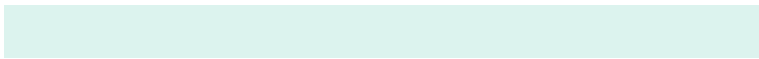
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



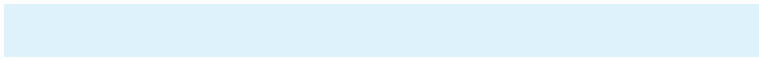
85.8115, 85.7109, 92.9100



84.1283, 85.7109, 84.0159



77.2690, 85.7109, 93.7404



78.8598, 85.7109, 103.2967

Sweetspot

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



85.8135, 85.7144, 92.9118



91.7204, 94.8408, 103.1661



86.5677, 85.8009, 106.6064



19.4460, 20.0121, 21.7605



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

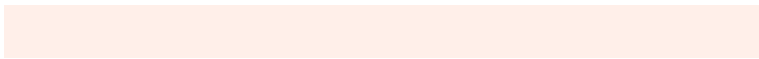
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8135, 85.7144, 92.9118



84.4355, 83.5908, 90.5029



86.7777, 88.8011, 89.6620



18.1783, 18.0546, 19.5562



21.9929, 11.2865, 3.3473



2.1807, 1.1146, 0.5329

Inverse Universe

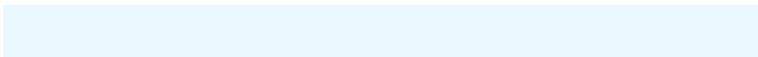
The Inverse Universe completely reimagines the original color for something new.



85.8135, 85.7144, 92.9118



84.4355, 83.5908, 90.5029



85.5737, 92.3795, 107.9286



18.1783, 18.0546, 19.5562



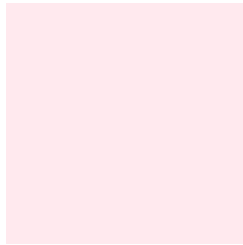
21.9929, 11.2865, 3.3473



2.1807, 1.1146, 0.5329

Previews

White Background



This preview shows how the XYZ color 85.8115, 85.7109, 92.9100 looks on a white background.

Color Contrast Check

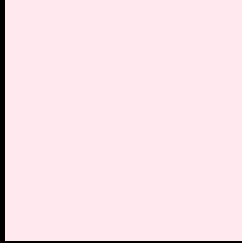
Large Text (above 18pt) WCAG AA × Fail

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 85.8115, 85.7109, 92.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

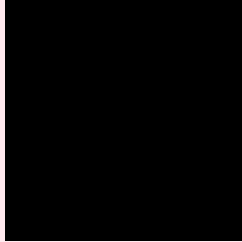
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.8115, 85.7109, 92.9100

Background



This preview shows how black text looks on a background with the XYZ color 85.8115, 85.7109, 92.9100.



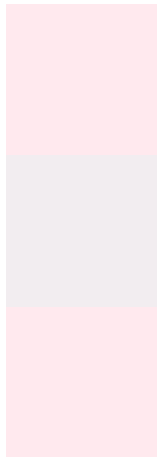
This preview shows how white text looks on a background with the XYZ color 85.8115, 85.7109,

92.9 00.

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

85.8115, 85.7109, 92.9100

Protanopia

82.6303, 85.7369, 94.6319

Deuteranopia

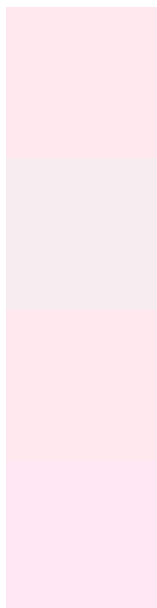
85.8115, 85.7109, 92.9100



Tritanopia

87.0399, 85.7505, 100.7709

Trichromacy



Original Color

85.8115, 85.7109, 92.9100

Protanomaly

83.9332, 85.9971, 93.8367

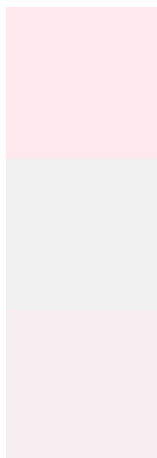
Deuteranomaly

85.8115, 85.7109, 92.9100

Tritanomaly

86.4257, 85.5049, 97.5369

Monochromacy



Original Color

85.8115, 85.7109, 92.9100

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.5204, 86.2128, 93.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8115, 85.7109, 92.9100 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(255, 233, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 238) }
```

Border

The CSS property to change the border of an element to XYZ 85.8115, 85.7109, 92.9100 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(255, 233, 238) }
```


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

```
.border{ border-color:rgb(255, 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(255, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8115, 85.7109, 92.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 238) }
```

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

```
.background{ background-color: rgb(255,  
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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