

Converting Colors

XYZ(113.4964, 100.0000,
94.7231)

Have a look what the booklet for
XYZ(113.4964, 100.0000, 94.7231)
contains.

XYZ(85.9589, 85.7698, 93.6861)	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(85.9589, 85.7698,
93.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9EF
RGB	255, 233, 239
RGB Percent	100%, 91%, 94%
CMY	0.0000, 0.0863, 0.0627
CMYK	0.00, 0.09, 0.06, 0.00
HSL	344°, 100%, 96%
HSV	344°, 9%, 100%
XYZ	85.9589, 85.7698, 93.6861
YIQ	240.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

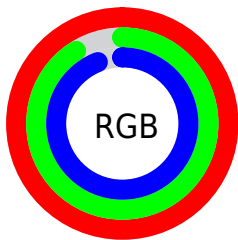
Format	Color
R _Y B	255, 233, 239
Decimal	16771567
CIE Lab	94.21, 8.47, -0.20
CIE LCh	94, 8.470, 358.637
Yxy	85.7698, 0.3239, 0.3232
Android (android.graphics.Color)	4294961647 (0xFFFE9EF)
YUV	240.2620, -0.6222, 12.9252
Hunter-Lab	92.6120, 3.6059, 4.8507

Details

The XYZ color **85.9589, 85.7698, 93.6861** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4658, 95.6845, 103.5378**, and the grayscale version is **83.0299, 87.3540, 95.1285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5581, 46.8689, 51.3398** is the 20% darker color. If you saturate the color by 10%, you get **76.6540, 71.3226, 77.7517**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

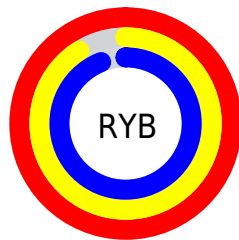
Distribution



Red (100%)

Green (91%)

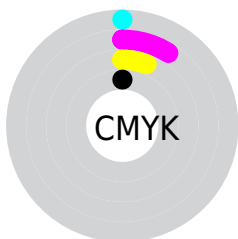
Blue (94%)



Red (100%)

Yellow (91%)

Blue (94%)

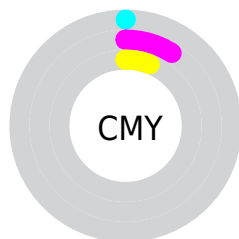


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9589, 85.7698, 93.6861 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 85.9589, 85.7698, 93.6861 by changing the saturation by 10% instead.


 85.9589, 85.7698,
93.6861

 85.9589, 85.7698,
93.6861


503.2317,
514.1719, 560.8266

 64.9591, 64.4776,
70.4511

140.6193,
141.4482, 154.4281

 47.6925, 47.0376,
51.4153


175.0106,
176.6032, 192.7721

 33.7937, 33.0654,
36.1602


214.5964,
217.1480, 236.9895

 22.8973, 22.1766,
24.2673

259.7422,
263.4669, 287.4989

 14.6380, 13.9867,
15.3180

310.8133,
315.9444, 344.7187

 8.6504, 8.1114,
8.8937

368.1750,

 4.5691, 4.1663,

374.9647, 409.0676

4.5761

432.1927,
440.9124, 480.9640

■ 2.0289, 1.7670,
1.9464

■ 0.6501, 0.4665,
0.5220

■ 85.9589, 85.7698,
93.6861

■ 85.9589, 85.7698,
93.6861

■ 76.6540, 71.3226,
77.7517

95.0500, 100.0000,
108.9000

■ 68.6185, 58.9781,
63.5852

■ 61.7979, 48.6408,
51.1258

■ 56.1311, 40.2038,
40.3071

■ 51.5517, 33.5499,
31.0585

■ 47.9863, 28.5491,
23.3036

■ 45.3519, 25.0533,
16.9591

■ 43.5512, 22.8877,
11.9326

■ 42.4499, 21.8048,
8.1133

Harmonies

Analogous

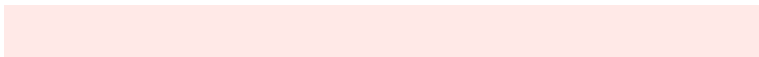
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3018, 85.7698, 100.0400



85.9589, 85.7698, 93.6861



85.4088, 85.7698, 87.5308

Triad

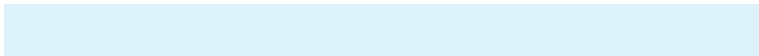
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9589, 85.7698, 93.6861



79.4497, 85.7698, 82.8517



79.2732, 85.7698, 104.4628

Complementary

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



85.9589, 85.7698, 93.6861



86.4658, 95.6845, 103.5378

Split Complementary

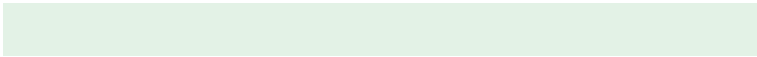
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7542, 85.7698, 99.5023



85.9589, 85.7698, 93.6861



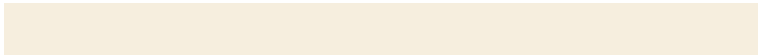
77.8548, 85.7698, 87.0390

Square

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



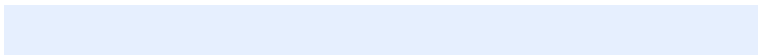
85.9589, 85.7698, 93.6861



81.6254, 85.7698, 81.4526



77.2397, 85.7698, 93.0920



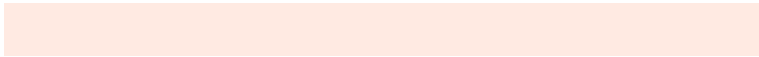
81.4179, 85.7698, 106.4375

Rectangle

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



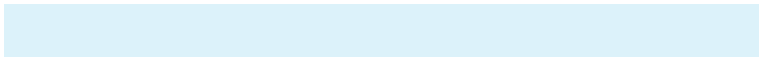
85.9589, 85.7698, 93.6861



84.4371, 85.7698, 84.3263



77.2397, 85.7698, 93.0920



78.6740, 85.7698, 103.0783

Sweetspot

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



85.9608, 85.7733, 93.6879



91.7748, 94.8626, 103.4523



86.1750, 85.5984, 106.5880



19.4606, 20.0180, 21.8375



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

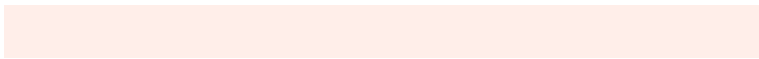
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9608, 85.7733, 93.6879



84.6039, 83.6581, 91.3897



86.4568, 88.1595, 89.5550



18.2128, 18.0684, 19.7376



22.1717, 11.3580, 4.2886



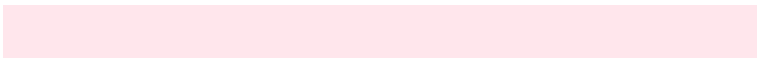
2.2023, 1.1233, 0.6467

Inverse Universe

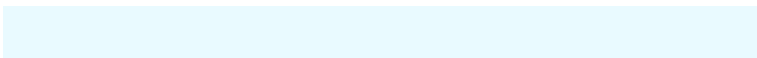
The Inverse Universe completely reimagines the original color for something new.



85.9608, 85.7733, 93.6879



84.6039, 83.6581, 91.3897



85.9148, 93.0618, 108.0423



18.2128, 18.0684, 19.7376



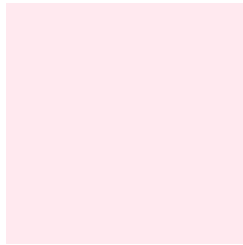
22.1717, 11.3580, 4.2886



2.2023, 1.1233, 0.6467

Previews

White Background



This preview shows how the XYZ color 85.9589, 85.7698, 93.6861 looks on a white background.

Color Contrast Check

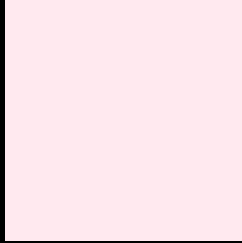
Large Text (above 18pt) WCAG AA × Fail

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 85.9589, 85.7698, 93.6861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

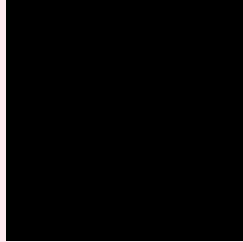
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9589, 85.7698, 93.6861

Background



This preview shows how black text looks on a background with the XYZ color 85.9589, 85.7698, 93.6861.



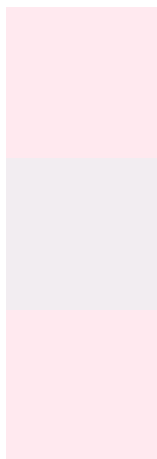
This preview shows how white text looks on a background with the XYZ color 85.9589, 85.7698,

93.6861.

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

85.9589, 85.7698, 93.6861

Protanopia

82.7793, 85.7965, 95.4165

Deuteranopia

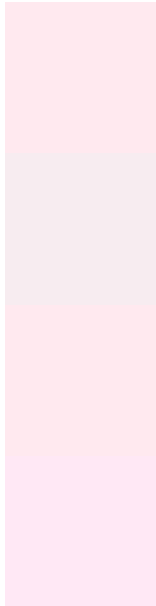
85.9589, 85.7698, 93.6861



Tritanopia

87.1955, 85.8128, 101.5904

Trichromacy



Original Color

85.9589, 85.7698, 93.6861

Protanomaly

84.0814, 86.0563, 94.6170

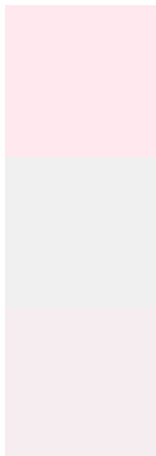
Deuteranomaly

85.9589, 85.7698, 93.6861

Tritanomaly

86.5780, 85.5658, 98.3389

Monochromacy



Original Color

85.9589, 85.7698, 93.6861

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.6686, 86.2721, 94.6805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9589, 85.7698, 93.6861 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.9589, 85.7698, 93.6861 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, 239) }
```


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

```
.border{ border-color:rgb(255, 233, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9589, 85.7698, 93.6861 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
233, 239) }
```

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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