

Converting Colors

XYZ(98.2727, 92.3690, 92.8773)

Have a look what the booklet for
XYZ(98.2727, 92.3690, 92.8773)
contains.

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Color

**XYZ(85.9489, 86.2201,
92.2329)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAED
RGB	255, 234, 237
RGB Percent	100%, 92%, 93%
CMY	0.0000, 0.0823, 0.0706
CMYK	0.00, 0.08, 0.07, 0.00
HSL	351°, 100%, 96%
HSV	351°, 8%, 100%
XYZ	85.9489, 86.2201, 92.2329
YIQ	240.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

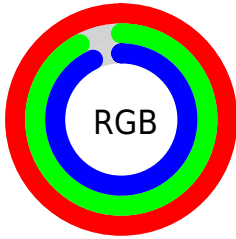
Format	Color
R_{YB}	255, 234, 237
Decimal	16771821
CIE Lab	94.41, 7.62, 1.12
CIE LCh	94, 7.701, 8.357
Yxy	86.2201, 0.3251, 0.3261
Android (android.graphics.Color)	4294961901 (0xFFFFEAED)
YUV	240.6210, -1.7852, 12.6104
Hunter-Lab	92.8548, 2.7286, 6.1054

Details

The XYZ color **85.9489, 86.2201, 92.2329** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2651, 96.0420, 106.0378**, and the grayscale version is **83.3202, 87.6594, 95.4611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5496, 47.1828, 50.3171** is the 20% darker color. If you saturate the color by 10%, you get **76.2032, 71.5324, 74.1752**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

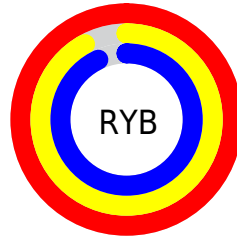
Distribution



Red (100%)

Green (92%)

Blue (93%)



Red (100%)

Yellow (92%)

Blue (93%)

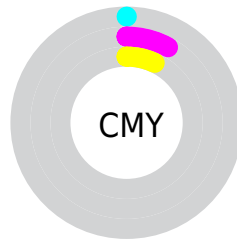


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9489, 86.2201, 92.2329 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 85.9489, 86.2201, 92.2329 by changing the saturation by 10% instead.


 85.9489, 86.2201,
92.2329

 85.9489, 86.2201,
92.2329


503.1992,
515.6567, 556.0244

 64.9508, 64.8500,
69.2500


140.6054,
142.0766, 152.3986

 47.6858, 47.3395,
50.4423


174.9945,
177.3318, 190.4185

 33.7883, 33.3041,
35.3913


214.5780,
217.9841, 234.2878

 22.8932, 22.3595,
23.6785

259.7213,
264.4179, 284.4251

 14.6349, 14.1213,
14.8853

310.7897,
317.0177, 341.2488

 8.6482, 8.2051,
8.5932

368.1486,

 4.5677, 4.2265,

376.1679, 405.1776

4.3836

432.1633,
442.2527, 476.6299

■ 2.0280, 1.8010,
1.8381

■ 0.6496, 0.4878,
0.4529

■ 85.9489, 86.2201,
92.2329

■ 85.9489, 86.2201,
92.2329

■ 76.2032, 71.5324,
74.1752

95.0500, 100.0000,
108.9000

■ 67.8315, 58.9922,
58.4267

■ 60.7733, 48.5018,
44.8955

■ 54.9614, 39.9519,
33.4815

■ 50.3225, 33.2232,
24.0770

■ 46.7757, 28.1829,
16.5645

■ 44.2294, 24.6803,
10.8141

■ 42.5769, 22.5379,
6.6793

■ 41.6761, 21.5127,
3.9854

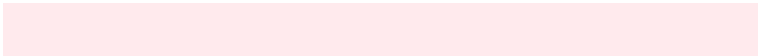
Harmonies

Analogous

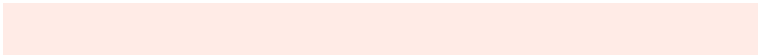
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7032, 86.2201, 98.1441



85.9489, 86.2201, 92.2329



85.1089, 86.2201, 86.9849

Triad

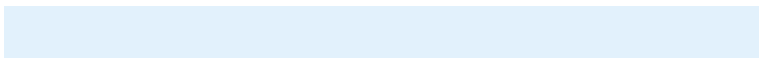
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9489, 86.2201, 92.2329



79.5056, 86.2201, 85.2253



80.4911, 86.2201, 104.8722

Complementary

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



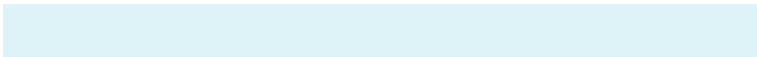
85.9489, 86.2201, 92.2329



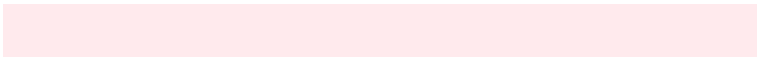
87.2651, 96.0420, 106.0378

Split Complementary

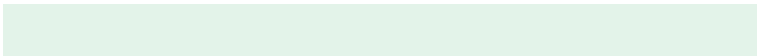
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8695, 86.2201, 101.1281



85.9489, 86.2201, 92.2329



78.3073, 86.2201, 89.7393

Square

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



85.9489, 86.2201, 92.2329



81.3728, 86.2201, 83.0520



78.0764, 86.2201, 95.5446



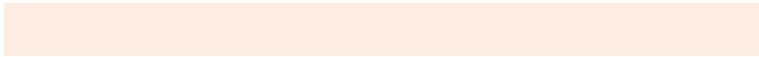
82.5292, 86.2201, 105.6084

Rectangle

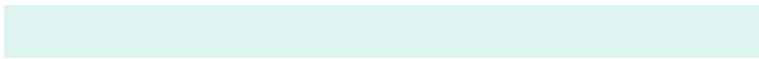
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



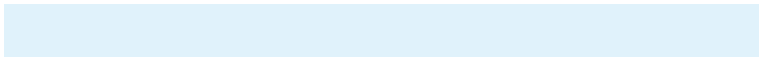
85.9489, 86.2201, 92.2329



84.0544, 86.2201, 84.5099



78.0764, 86.2201, 95.5446



79.8802, 86.2201, 103.9163

Sweetspot

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



85.9509, 86.2236, 92.2347



92.7485, 96.5107, 104.6994



87.5655, 86.7367, 106.7344



19.8761, 20.6938, 22.4540



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.



85.9509, 86.2236, 92.2347



84.1256, 83.4668, 88.8713



87.6523, 90.3212, 90.6605



18.1149, 18.0293, 19.2224



21.7500, 11.1893, 2.0679



2.1480, 1.1016, 0.3606

Inverse Universe

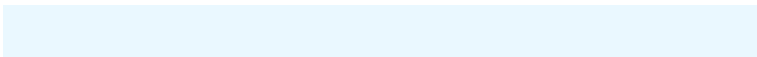
The Inverse Universe completely reimagines the original color for something new.



85.9509, 86.2236, 92.2347



84.1256, 83.4668, 88.8713



85.4442, 91.6346, 107.7916



18.1149, 18.0293, 19.2224



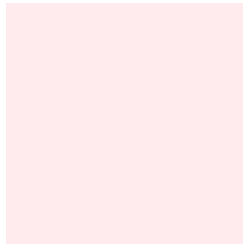
21.7500, 11.1893, 2.0679



2.1480, 1.1016, 0.3606

Previews

White Background



This preview shows how the XYZ color 85.9489, 86.2201, 92.2329 looks on a white background.

Color Contrast Check

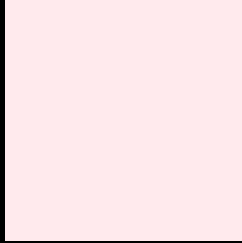
Large Text (above 18pt) WCAG AA × Fail

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 85.9489, 86.2201, 92.2329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

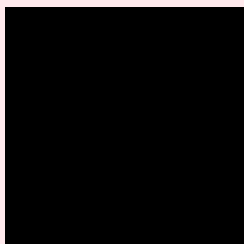
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9489, 86.2201, 92.2329

Background



This preview shows how black text looks on a background with the XYZ color 85.9489, 86.2201, 92.2329.



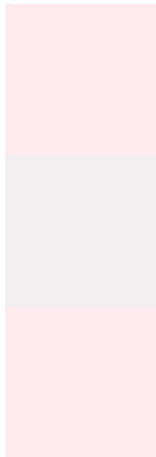
This preview shows how white text looks on a background with the XYZ color 85.9489, 86.2201,

92.2329.

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

85.9489, 86.2201, 92.2329

Protanopia

83.1167, 86.4358, 93.9644

Deuteranopia

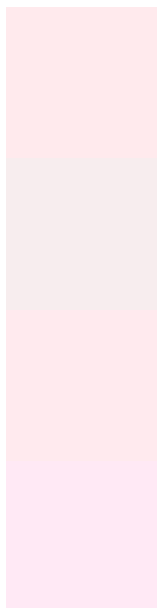
86.0954, 86.2787, 93.0047



Tritanopia

87.4778, 86.3774, 101.6845

Trichromacy



Original Color

85.9489, 86.2201, 92.2329

Protanomaly

84.0746, 86.5156, 93.1569

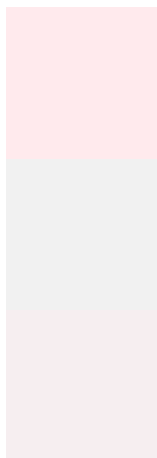
Deuteranomaly

86.0954, 86.2787, 93.0047

Tritanomaly

86.8603, 86.1304, 98.4330

Monochromacy



Original Color

85.9489, 86.2201, 92.2329

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.3087, 87.0332, 94.7936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9489, 86.2201, 92.2329 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, 234, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 237)  
}
```

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, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 237) }
```

Border

The CSS property to change the border of an element to XYZ 85.9489, 86.2201, 92.2329 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, 234, 237) }
```


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

```
.border{ border-color:rgb(255, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9489, 86.2201, 92.2329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 237) }
```

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

```
.background{ background-color: rgb(255,  
234, 237) }
```

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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