

Converting Colors

XYZ(118.6555, 100.0000,
87.6551)

Have a look what the booklet for
XYZ(118.6555, 100.0000, 87.6551)
contains.

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Color

**XYZ(82.7193, 81.3659,
86.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E6
RGB	255, 226, 230
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1137, 0.0980
CMYK	0.00, 0.11, 0.10, 0.00
HSL	352°, 100%, 94%
HSV	352°, 11%, 100%
XYZ	82.7193, 81.3659, 86.2083
YIQ	235.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

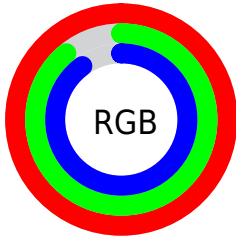
Format	Color
R _Y B	255, 226, 230
Decimal	16769766
CIE Lab	92.29, 10.59, 1.69
CIE LCh	92, 10.723, 9.073
Yxy	81.3659, 0.3305, 0.3251
Android (android.graphics.Color)	4294959846 (0xFFFFE2E6)
YUV	235.1270, -2.5276, 17.4286
Hunter-Lab	90.2030, 5.8353, 6.4779

Details

The XYZ color **82.7193, 81.3659, 86.2083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.5392, 94.6551, 105.0851**, and the grayscale version is **79.0741, 83.1921, 90.5962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5895, 44.2267, 46.6912** is the 20% darker color. If you saturate the color by 10%, you get **73.3988, 67.3582, 68.8174**, and if you desaturate by 10%, it is **93.4642, 97.5985, 105.9974**.

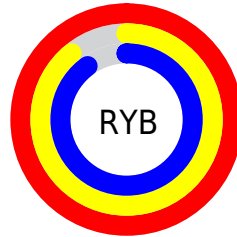
Distribution



Red (100%)

Green (89%)

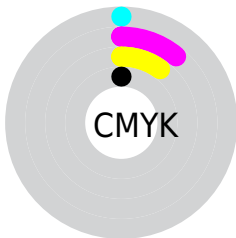
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

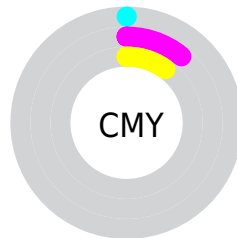


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7193, 81.3659, 86.2083 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 82.7193, 81.3659, 86.2083 by changing the saturation by 10% instead.


 82.7193, 81.3659,
86.2083

 82.7193, 81.3659,
86.2083


492.6486,
499.5242, 535.8663

 62.2747, 60.8430,
64.2844


136.1128,
135.2844, 143.9492

 45.5112, 44.0985,
46.4334


169.7925,
169.4488, 180.6033

 32.0632, 30.7479,
32.2368


208.6146,
208.9292, 223.0045

 21.5656, 20.4070,
21.2761

252.9444,
254.1099, 271.5714

 13.6529, 12.6912,
13.1328

303.1474,
305.3754, 326.7225

 7.9597, 7.2163,
7.3882

359.5889,

 4.1208, 3.5977,

363.1100, 388.8763

3.6240

422.6342,
427.6981, 458.4514

■ 1.7707, 1.4512,
1.4214

■ 0.4999, 0.2540,
0.1583

■ 82.7193, 81.3659,
86.2083

■ 82.7193, 81.3659,
86.2083

■ 73.3988, 67.3582,
68.8174

■ 93.4642, 97.5985,
105.9974

■ 65.4372, 55.4687,
53.7285

95.0500, 100.0000,
108.9000

■ 58.7725, 45.5973,
40.8461

■ 53.3352, 37.6315,
30.0664

■ 49.0497, 31.4482,
21.2770

■ 45.8316, 26.9093,
14.3549

■ 43.5848, 23.8569,
9.1633

■ 42.1955, 22.1015,
5.5461

■ 41.5455, 21.3822,
3.5385

Harmonies

Analogous

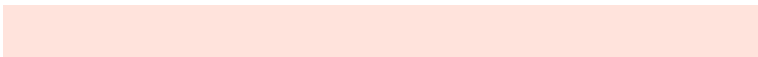
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4217, 81.3659, 94.1583



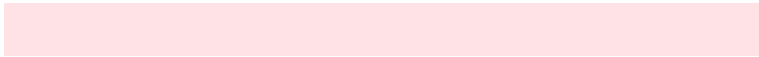
82.7193, 81.3659, 86.2083



81.5479, 81.3659, 79.3165

Triad

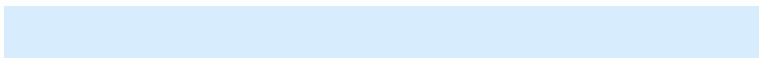
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7193, 81.3659, 86.2083



74.0248, 81.3659, 77.2638



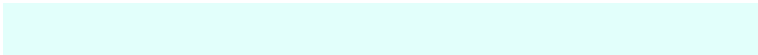
75.4477, 81.3659, 103.6295

Complementary

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



82.7193, 81.3659, 86.2083



84.5392, 94.6551, 105.0851

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.



73.2714, 81.3659, 98.5673



82.7193, 81.3659, 86.2083



72.4636, 81.3659, 83.2526

Square

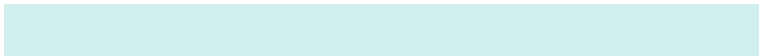
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7193, 81.3659, 86.2083



76.4984, 81.3659, 74.3590



72.1912, 81.3659, 91.0226



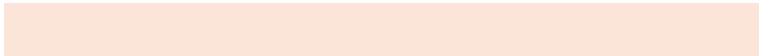
78.1794, 81.3659, 104.5379

Rectangle

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



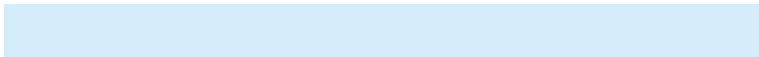
82.7193, 81.3659, 86.2083



80.1076, 81.3659, 76.1341



72.1912, 81.3659, 91.0226



74.6288, 81.3659, 102.3434

Sweetspot

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



82.7212, 81.3693, 86.2100



91.6140, 94.7982, 102.6054



84.9060, 82.0605, 105.9720



19.4174, 20.0007, 21.6098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

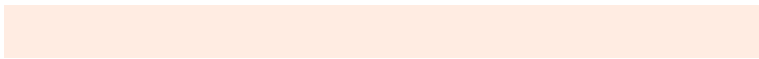
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7212, 81.3693, 86.2100



80.1342, 77.4735, 81.4076



85.0081, 86.8309, 84.2355



18.1113, 18.0278, 19.2032



21.7392, 11.1850, 2.0113



2.1463, 1.1009, 0.3516

Inverse Universe

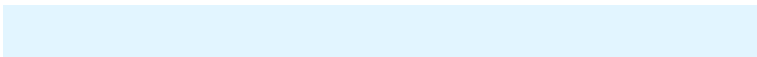
The Inverse Universe completely reimagines the original color for something new.



82.7212, 81.3693, 86.2100



80.1342, 77.4735, 81.4076



82.0236, 88.6051, 107.3871



18.1113, 18.0278, 19.2032



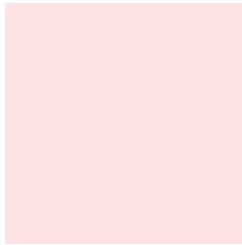
21.7392, 11.1850, 2.0113



2.1463, 1.1009, 0.3516

Previews

White Background



This preview shows how the XYZ color 82.7193, 81.3659, 86.2083 looks on a white background.

Color Contrast Check

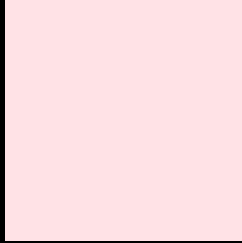
Large Text (above 18pt) WCAG AA × Fail

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 82.7193, 81.3659, 86.2083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

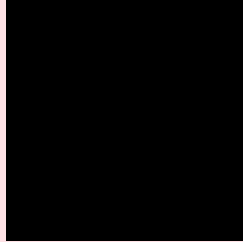
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7193, 81.3659, 86.2083

Background



This preview shows how black text looks on a background with the XYZ color 82.7193, 81.3659, 86.2083.

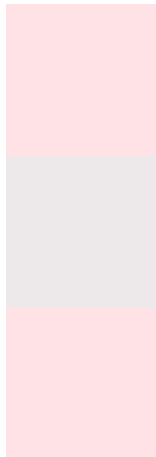


This preview shows how white text looks on a background with the XYZ color 82.7193, 81.3659,

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

82.7193, 81.3659, 86.2083

Protanopia

78.4896, 81.6009, 88.7045

Deuteranopia

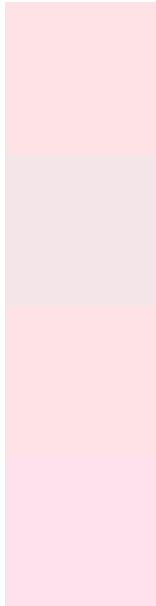
82.7193, 81.3659, 86.2083



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

82.7193, 81.3659, 86.2083

Protanomaly

80.1705, 81.6529, 87.8791

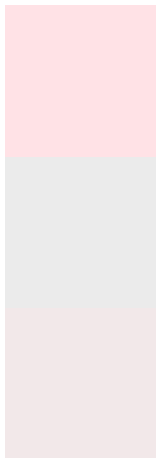
Deuteranomaly

82.7193, 81.3659, 86.2083

Tritanomaly

83.4513, 81.2249, 91.4004

Monochromacy



Original Color

82.7193, 81.3659, 86.2083

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.1825, 82.4737, 88.7837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7193, 81.3659, 86.2083 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, 226, 230) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 230)  
}
```

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, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 82.7193, 81.3659, 86.2083 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, 226, 230) }
```


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

```
.border{ border-color:rgb(255, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 230); box-shadow:4px 4px 4px 4px rgb(255, 226, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7193, 81.3659, 86.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 230) }
```

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

```
.background{ background-color: rgb(255,  
226, 230) }
```

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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