

Converting Colors

XYZ(90.2677, 88.4967, 91.8732)

Have a look what the booklet for
XYZ(90.2677, 88.4967, 91.8732)
contains.

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Color

**XYZ(85.8031, 86.1618,
91.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAEC
RGB	255, 234, 236
RGB Percent	100%, 92%, 93%
CMY	0.0000, 0.0823, 0.0745
CMYK	0.00, 0.08, 0.07, 0.00
HSL	354°, 100%, 96%
HSV	354°, 8%, 100%
XYZ	85.8031, 86.1618, 91.4655
YIQ	240.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

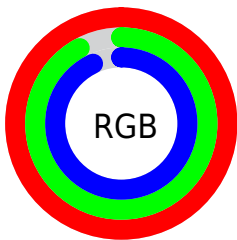
Format	Color
R _Y B	255, 234, 236
Decimal	16771820
CIE Lab	94.38, 7.45, 1.60
CIE LCh	94, 7.623, 12.136
Yxy	86.1618, 0.3257, 0.3271
Android (android.graphics.Color)	4294961900 (0xFFFFEAEC)
YUV	240.5070, -2.2220, 12.7104
Hunter-Lab	92.8234, 2.5590, 6.5537

Details

The XYZ color **85.8031, 86.1618, 91.4655** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4241, 96.1056, 106.8748**, and the grayscale version is **83.2339, 87.5686, 95.3622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4473, 47.1418, 49.7786** is the 20% darker color. If you saturate the color by 10%, you get **75.9203, 71.4193, 72.6851**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

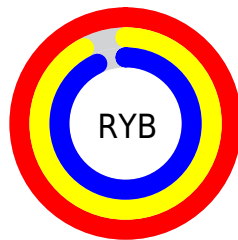
Distribution



Red (100%)

Green (92%)

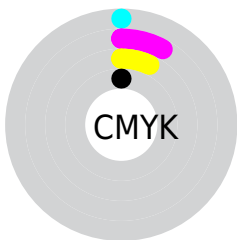
Blue (93%)



Red (100%)

Yellow (92%)

Blue (93%)

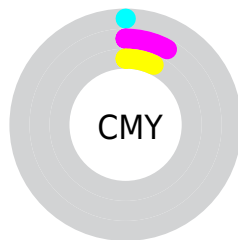


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.8031, 86.1618, 91.4655 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 85.8031, 86.1618, 91.4655 by changing the saturation by 10% instead.

 85.8031, 86.1618,
91.4655

 85.8031, 86.1618,
91.4655


502.7255,
515.4646, 553.4793

 64.8299, 64.8018,
68.6162

140.4029,
141.9953, 151.3256

 47.5873, 47.3004,
49.9294


174.7603,
177.2375, 189.1736

 33.7101, 33.2732,
34.9865


214.3097,
217.8759, 232.8581

 22.8328, 22.3358,
23.3690

259.4165,
264.2949, 282.7978

 14.5901, 14.1038,
14.6584

310.4462,
316.8788, 339.4113

 8.6167, 8.1929,
8.4360

367.7640,

 4.5471, 4.2186,

376.0122, 403.1170

4.2834

431.7353,
442.0793, 474.3334

■ 2.0161, 1.7966,
1.7821

■ 0.6430, 0.4851,
0.4161

■ 85.8031, 86.1618,
91.4655

■ 85.8031, 86.1618,
91.4655

■ 75.9203, 71.4193,
72.6851

95.0500, 100.0000,
108.9000

■ 67.4526, 58.8406,
56.4311

■ 60.3369, 48.3272,
42.5973

■ 54.5030, 39.7686,
31.0678

■ 49.8743, 33.0439,
21.7169

■ 46.3660, 28.0190,
14.4073

■ 43.8822, 24.5415,
8.9857

■ 42.3107, 22.4314,
5.2772

■ 41.5023, 21.4432,
3.0701

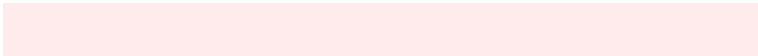
Harmonies

Analogous

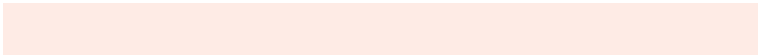
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6981, 86.1618, 97.3164



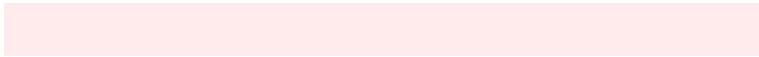
85.8031, 86.1618, 91.4655



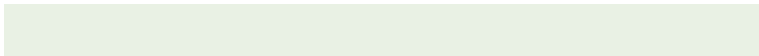
84.8480, 86.1618, 86.4539

Triad

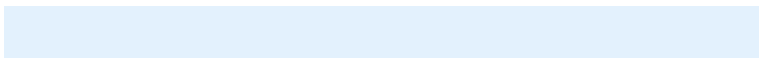
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8031, 86.1618, 91.4655



79.2817, 86.1618, 85.7017



80.6926, 86.1618, 104.9595

Complementary

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



85.8031, 86.1618, 91.4655



87.4241, 96.1056, 106.8748

Split Complementary

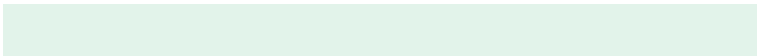
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0098, 86.1618, 101.5837



85.8031, 86.1618, 91.4655



78.2046, 86.1618, 90.3997

Square

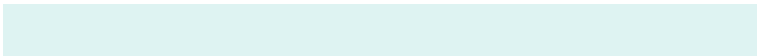
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8031, 86.1618, 91.4655



81.0695, 86.1618, 83.2203



78.1059, 86.1618, 96.2055



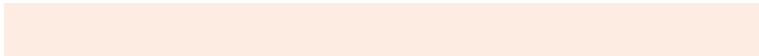
82.7245, 86.1618, 105.2740

Rectangle

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



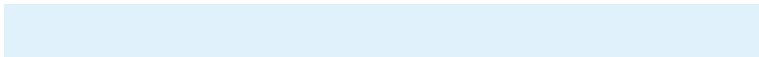
85.8031, 86.1618, 91.4655



83.7477, 86.1618, 84.1982



78.1059, 86.1618, 96.2055



80.0682, 86.1618, 104.1388

Sweetspot

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



85.8051, 86.1654, 91.4673



92.7103, 96.4954, 104.4982



87.9464, 86.9332, 106.7522



19.8683, 20.6907, 22.4131



0.0000, 0.0000, 0.0000



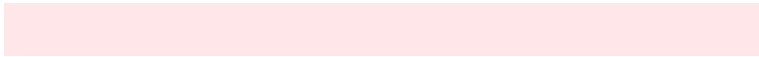
20.3446, 21.4041, 23.3091

Same Dimension

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



85.8051, 86.1654, 91.4673



83.9525, 83.3976, 87.9598



87.9646, 90.9457, 90.7646



18.0795, 18.0151, 19.0358



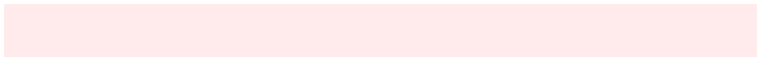
21.6594, 11.1531, 1.5911



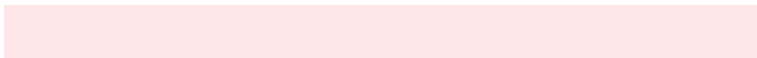
2.1313, 1.0949, 0.2730

Inverse Universe

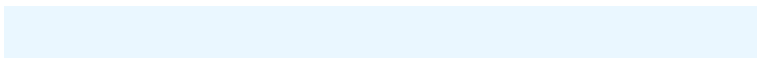
The Inverse Universe completely reimagines the original color for something new.



85.8051, 86.1654, 91.4673



83.9525, 83.3976, 87.9598



85.1230, 90.9921, 107.6845



18.0795, 18.0151, 19.0358



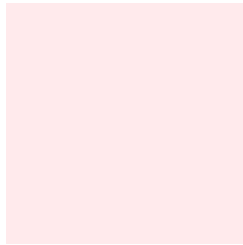
21.6594, 11.1531, 1.5911



2.1313, 1.0949, 0.2730

Previews

White Background



This preview shows how the XYZ color 85.8031, 86.1618, 91.4655 looks on a white background.

Color Contrast Check

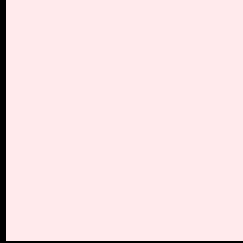
Large Text (above 18pt) WCAG AA × Fail

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 85.8031, 86.1618, 91.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

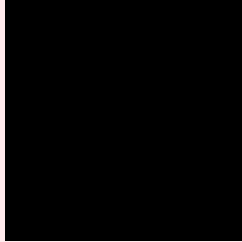
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

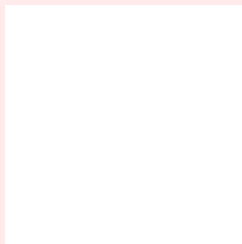
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8031, 86.1618, 91.4655

Background



This preview shows how black text looks on a background with the XYZ color 85.8031, 86.1618, 91.4655.



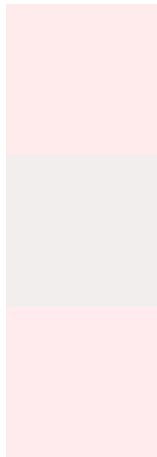
This preview shows how white text looks on a background with the XYZ color 85.8031, 86.1618,

91.4655.

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

85.8031, 86.1618, 91.4655

Protanopia

82.9693, 86.3768, 93.1884

Deuteranopia

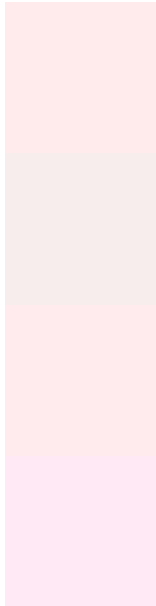
85.9489, 86.2201, 92.2329



Tritanopia

87.4778, 86.3774, 101.6845

Trichromacy



Original Color

85.8031, 86.1618, 91.4655

Protanomaly

83.9280, 86.4570, 92.3851

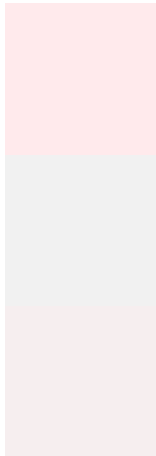
Deuteranomaly

85.9489, 86.2201, 92.2329

Tritanomaly

86.7080, 86.0695, 97.6310

Monochromacy



Original Color

85.8031, 86.1618, 91.4655

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.1606, 86.9739, 94.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8031, 86.1618, 91.4655 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.8031, 86.1618, 91.4655 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, 236) }
```


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

```
.border{ border-color:rgb(255, 234, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8031, 86.1618, 91.4655 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
234, 236) }
```

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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