

Converting Colors

XYZ(82.3023, 86.6129, 91.4267)

Have a look what the booklet for
XYZ(82.3023, 86.6129, 91.4267)
contains.

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Color

**XYZ(82.2825, 86.4899,
91.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EFEC
RGB	241, 239, 236
RGB Percent	95%, 94%, 93%
CMY	0.0549, 0.0627, 0.0745
CMYK	0.00, 0.01, 0.02, 0.05
HSL	36°, 15%, 94%
HSV	36°, 2%, 95%
XYZ	82.2825, 86.4899, 91.7144
YIQ	239.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

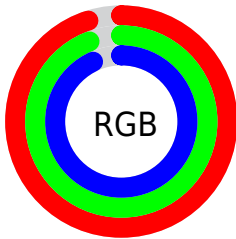
Format	Color
R _Y B	239, 241, 236
Decimal	15855596
CIE Lab	94.52, 0.15, 1.67
CIE LCh	95, 1.679, 84.957
Yxy	86.4899, 0.3159, 0.3320
Android (android.graphics.Color)	4294045676 (0xFF1EFEC)
YUV	239.2560, -1.6052, 1.5295
Hunter-Lab	92.9999, -4.8205, 6.6295

Details

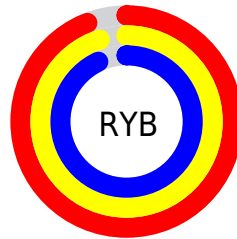
The XYZ color **82.2825, 86.4899, 91.7144** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.0439, 85.3319, 95.4196**, and the grayscale version is **82.2565, 86.5403, 94.2423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1793, 47.4765, 49.9627** is the 20% darker color. If you saturate the color by 10%, you get **76.2734, 79.7015, 73.5862**, and if you desaturate by 10%, it is **88.0865, 93.4417, 108.0011**.

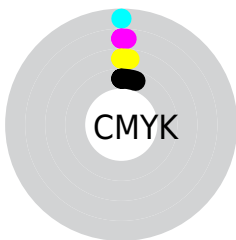
Distribution



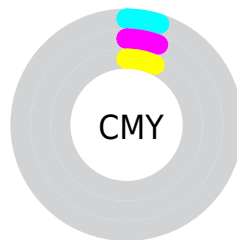
- Red (95%)
- Green (94%)
- Blue (93%)



- Red (94%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2825, 86.4899, 91.7144 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 82.2825, 86.4899, 91.7144 by changing the saturation by 10% instead.

82.2825, 86.4899,
91.7144

82.2825, 86.4899,
91.7144

491.2123,
516.5452, 554.3054

61.9133, 65.0732,
68.8217

135.5038,
142.4529, 151.6738

45.2180, 47.5204,
50.0957

169.0867,
177.7680, 189.5775

31.8312, 33.4472,
35.1177

207.8049,
218.4847, 233.3221

21.3875, 22.4693,
23.4693

252.0237,
264.9873, 283.3259

13.5216, 14.2021,
14.7319

302.1085,
317.6602, 340.0077

7.8682, 8.2614,
8.4869

358.4246,

4.0618, 4.2627,

376.8879, 403.7858

4.3158

421.3374,
443.0548, 475.0789

■ 1.7372, 1.8215,
1.8002

■ 0.4794, 0.5005,
0.4281

■ 82.2825, 86.4899,
91.7144

■ 82.2825, 86.4899,
91.7144

■ 76.2734, 79.7015,
73.5862

■ 88.0865, 93.4417,
108.0011

■ 70.8633, 73.3861,
57.8948

■ 90.0862, 97.4411,
108.6677

■ 66.0321, 67.5347,
44.5359

■ 61.7560, 62.1339,
33.3952

■ 58.0091, 57.1693,
24.3486

■ 54.7630, 52.6256,
17.2599

■ 51.9864, 48.4860,
11.9763

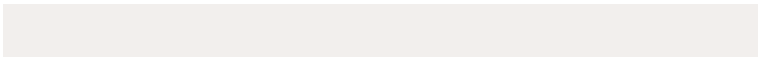
■ 49.6433, 44.7317,
8.3224

■ 47.6910, 41.3412,
6.0867

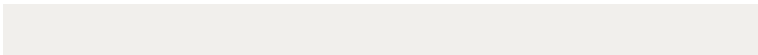
Harmonies

Analogous

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



82.7062, 86.4899, 92.1491



82.2825, 86.4899, 91.7144



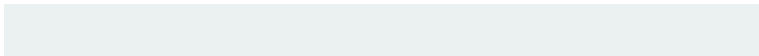
81.8398, 86.4899, 91.9335

Triad

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



82.2825, 86.4899, 91.7144



81.4204, 86.4899, 95.2272



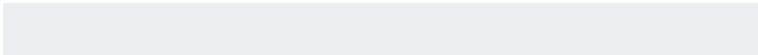
82.9199, 86.4899, 95.6096

Complementary

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



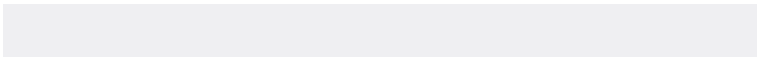
82.2825, 86.4899, 91.7144



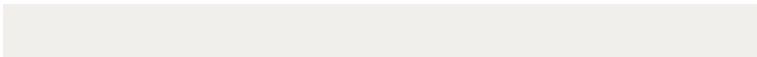
81.0439, 85.3319, 95.4196

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.



82.5734, 86.4899, 96.4481



82.2825, 86.4899, 91.7144



81.7079, 86.4899, 96.2259

Square

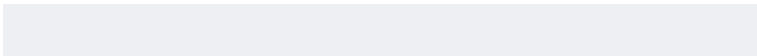
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



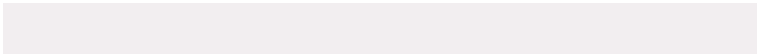
82.2825, 86.4899, 91.7144



81.3431, 86.4899, 93.9541



82.1297, 86.4899, 96.6747



83.0751, 86.4899, 94.3918

Rectangle

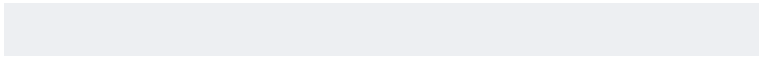
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



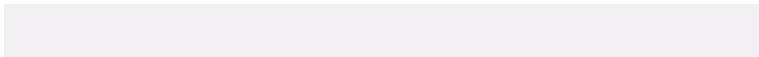
82.2825, 86.4899, 91.7144



81.5933, 86.4899, 92.4219



82.1297, 86.4899, 96.6747



82.8218, 86.4899, 95.9456

Sweetspot

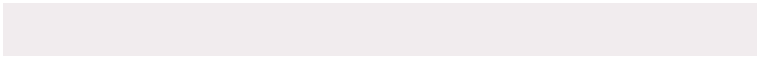
The Sweet Spot groups the original color and five complimentary colors.



82.2849, 86.4936, 91.7163



94.3182, 99.1891, 106.6441



81.7050, 84.8661, 92.9647



20.1957, 21.2391, 22.8500



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.



82.2849, 86.4936, 91.7163



93.5936, 98.3837, 104.4173



82.7021, 87.5810, 91.9042



17.5466, 18.4456, 19.6052



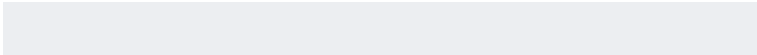
25.2806, 21.3593, 2.7903



2.2001, 1.9709, 0.2645

Inverse Universe

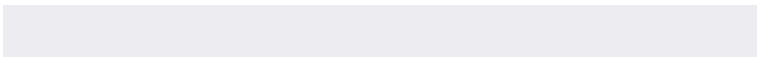
The Inverse Universe completely reimagines the original color for something new.



81.0439, 85.3319, 95.4196



92.2288, 97.1061, 108.4901



80.6323, 84.2618, 95.2347



17.3050, 18.2194, 20.3262



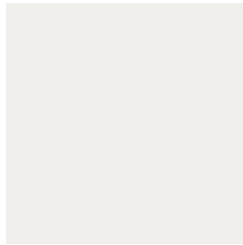
11.0117, 8.2476, 46.1394



1.0108, 0.8755, 3.8699

Previews

White Background



This preview shows how the XYZ color 82.2825, 86.4899, 91.7144 looks on a white background.

Color Contrast Check

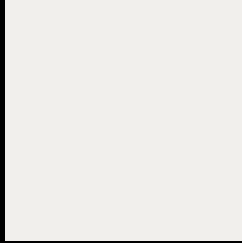
Large Text (above 18pt) WCAG AA × Fail

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 82.2825, 86.4899, 91.7144 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

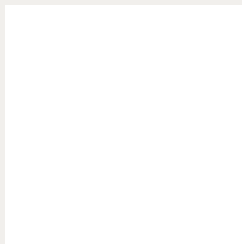
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2825, 86.4899, 91.7144

Background



This preview shows how black text looks on a background with the XYZ color 82.2825, 86.4899, 91.7144.



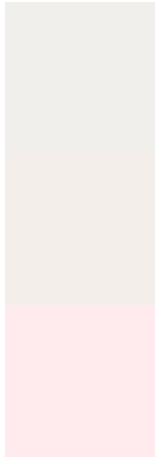
This preview shows how white text looks on a background with the XYZ color 82.2825, 86.4899,

91.744.

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

82.2825, 86.4899, 91.7144

Protanopia

82.8782, 86.3803, 90.9022

Deuteranopia

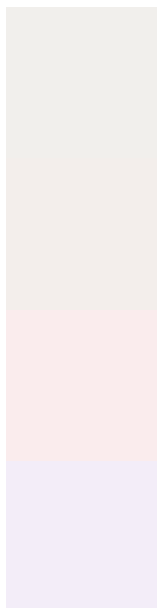
86.0954, 86.2787, 93.0047



Tritanopia

85.3537, 86.4440, 106.7945

Trichromacy



Original Color

82.2825, 86.4899, 91.7144

Protanomaly

82.5321, 86.2019, 90.8860

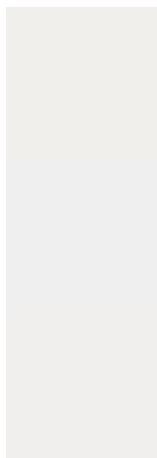
Deuteranomaly

84.7059, 86.4293, 92.3388

Tritanomaly

84.1896, 86.4004, 101.0466

Monochromacy



Original Color

82.2825, 86.4899, 91.7144

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.2343, 86.4313, 93.2376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2825, 86.4899, 91.7144 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(241, 239, 236) looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 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(241, 239, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 236) }
```

Border

The CSS property to change the border of an element to XYZ 82.2825, 86.4899, 91.7144 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(241, 239, 236) }
```


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

```
.border{ border-color:rgb(241, 239, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 236);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2825, 86.4899, 91.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 236) }
```

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

```
.background{ background-color: rgb(241,  
239, 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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