

Converting Colors

XYZ(81.5392, 87.5129, 86.6782)

Have a look what the booklet for
XYZ(81.5392, 87.5129, 86.6782)
contains.

XYZ(81.4916, 87.5121, 86.7252)	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(81.4916, 87.5121,
86.7252)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF2E5
RGB	239, 242, 229
RGB Percent	94%, 95%, 90%
CMY	0.0627, 0.0510, 0.1020
CMYK	0.01, 0.00, 0.05, 0.05
HSL	74°, 33%, 92%
HSV	74°, 5%, 95%
XYZ	81.4916, 87.5121, 86.7252
YIQ	239.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

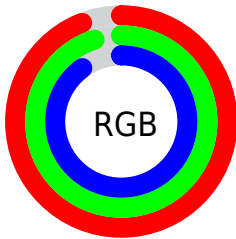
Format	Color
R _Y B	229, 242, 232
Decimal	15725285
CIE Lab	94.96, -3.25, 5.91
CIE LCh	95, 6.746, 118.835
Yxy	87.5121, 0.3187, 0.3422
Android (android.graphics.Color)	4293915365 (0xFFEFF2E5)
YUV	239.6210, -5.2362, -0.5446
Hunter-Lab	93.5479, -8.2136, 10.5177

Details

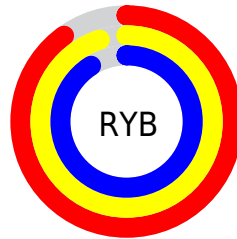
The XYZ color **81.4916, 87.5121, 86.7252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3284, 79.6076, 95.2991**, and the grayscale version is **82.5686, 86.8686, 94.5999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7273, 48.2411, 46.9985** is the 20% darker color. If you saturate the color by 10%, you get **76.4877, 85.2986, 70.0648**, and if you desaturate by 10%, it is **87.0299, 89.9517, 105.8730**.

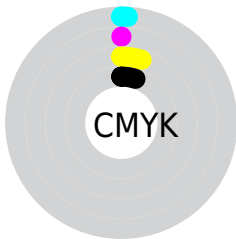
Distribution



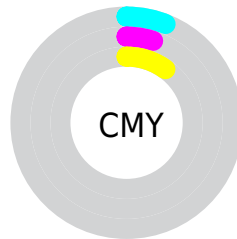
- Red (94%)
- Green (95%)
- Blue (90%)



- Red (90%)
- Yellow (95%)
- Blue (91%)



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





- Cyan (6%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4916, 87.5121, 86.7252 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 81.4916, 87.5121, 86.7252 by changing the saturation by 10% instead.


 81.4916, 87.5121,
86.7252

 81.4916, 87.5121,
86.7252


488.6058,
519.9041, 537.6122

 61.2592, 65.9191,
64.7095


134.4004,
143.8777, 144.6765

 44.6877, 48.2067,
46.7757


167.8075,
179.4191, 181.4493

 31.4118, 33.9906,
32.5053


206.3369,
220.3787, 223.9781

 21.0660, 22.8864,
21.4797

250.3540,
267.1409, 272.6815

 13.2850, 14.5096,
13.2805

300.2240,
320.0902, 327.9781

 7.7034, 8.4760,
7.4890

356.3125,

 3.9560, 4.4010,

379.6109, 390.2863

3.6867

418.9846,
446.0874, 460.0249

■ 1.6773, 1.9003,
1.4551

■ 0.4420, 0.5486,
0.1841

■ 81.4916, 87.5121,
86.7252

■ 81.4916, 87.5121,
86.7252

■ 76.4877, 85.2986,
70.0648

■ 87.0299, 89.9517,
105.8730

■ 71.9910, 83.2919,
55.7841

■ 89.2940, 91.0856,
107.4827

■ 67.9827, 81.4872,
43.7759

■ 91.0438, 91.9877,
107.5646

■ 64.4399, 79.8753,
33.9226

■ 61.3378, 78.4461,
26.0958

■ 58.6488, 77.1886,
20.1539

■ 56.3420, 76.0903,
15.9368

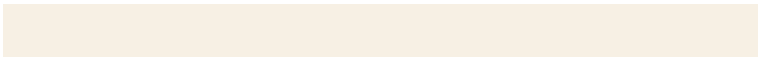
■ 54.3814, 75.1369,
13.2579

■ 52.7229, 74.3105,
11.8872

Harmonies

Analogous

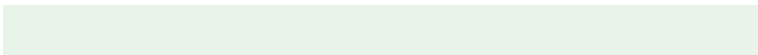
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2492, 87.5121, 85.5586



81.4916, 87.5121, 86.7252



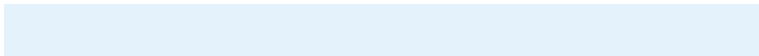
80.2020, 87.5121, 90.1637

Triad

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



81.4916, 87.5121, 86.7252



81.3694, 87.5121, 104.1743



86.7465, 87.5121, 95.4909

Complementary

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



81.4916, 87.5121, 86.7252



77.3284, 79.6076, 95.2991

Split Complementary

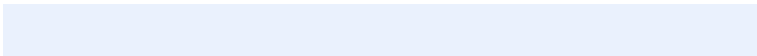
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2259, 87.5121, 100.5983



81.4916, 87.5121, 86.7252



83.1061, 87.5121, 105.7236

Square

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



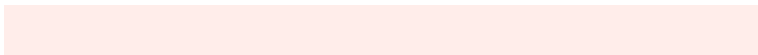
81.4916, 87.5121, 86.7252



80.1322, 87.5121, 100.2306



84.8867, 87.5121, 104.3920



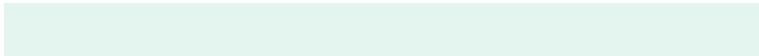
86.2993, 87.5121, 90.5064

Rectangle

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



81.4916, 87.5121, 86.7252



79.7720, 87.5121, 93.3471



84.8867, 87.5121, 104.3920



86.6788, 87.5121, 97.2511

Sweetspot

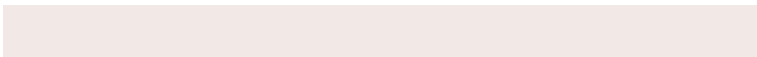
The Sweet Spot groups the original color and five complimentary colors.



81.4940, 87.5159, 86.7271



93.8075, 99.4531, 104.6125



79.5688, 82.1470, 85.7923



20.0917, 21.2928, 22.4363



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

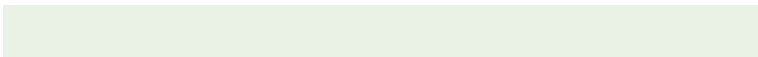
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4940, 87.5159, 86.7271



91.3951, 98.3892, 96.3786



79.3989, 86.4358, 86.6290



17.0524, 18.4001, 17.8250



28.0732, 39.7938, 6.2014



2.4211, 3.3547, 0.5199

Inverse Universe

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



77.3284, 79.6076, 95.2991



86.1651, 88.4602, 107.1409



79.4155, 80.6836, 95.3967



15.9774, 16.3593, 20.0372



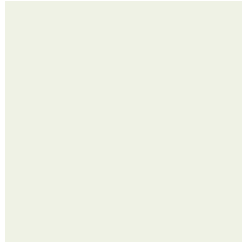
9.5818, 3.9450, 45.3843



0.8817, 0.3718, 3.7795

Previews

White Background



This preview shows how the XYZ color 81.4916, 87.5121, 86.7252 looks on a white background.

Color Contrast Check

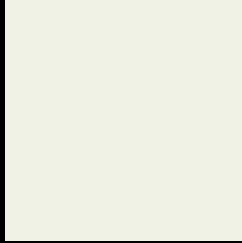
Large Text (above 18pt) WCAG AA × Fail

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 81.4916, 87.5121, 86.7252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

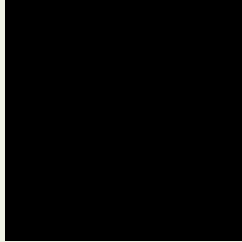
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

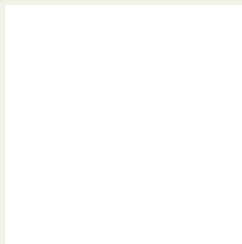
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4916, 87.5121, 86.7252

Background



This preview shows how black text looks on a background with the XYZ color 81.4916, 87.5121, 86.7252.



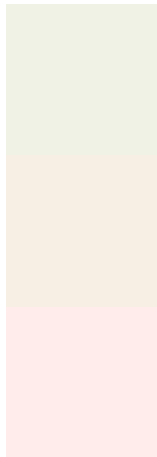
This preview shows how white text looks on a background with the XYZ color 81.4916, 87.5121,

86.7252.

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

81.4916, 87.5121, 86.7252

Protanopia

83.5815, 87.2909, 85.8424

Deuteranopia

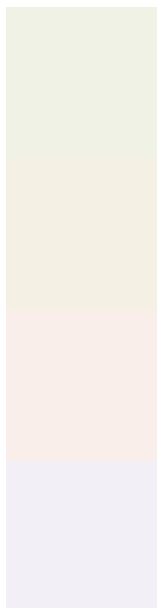
86.2308, 87.2491, 90.8932



Tritanopia

85.5867, 87.4238, 106.9713

Trichromacy



Original Color

81.4916, 87.5121, 86.7252

Protanomaly

82.8199, 87.3341, 85.8909

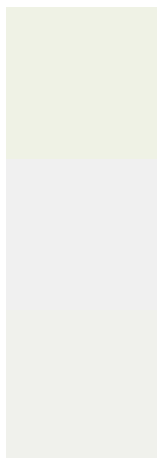
Deuteranomaly

84.3494, 87.1720, 89.4710

Tritanomaly

84.1190, 87.2641, 99.5989

Monochromacy



Original Color

81.4916, 87.5121, 86.7252

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5308, 87.4920, 91.8947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4916, 87.5121, 86.7252 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(239, 242, 229) looks like.

```
.text, #text, p{  
    color:rgb(239, 242, 229)  
}
```

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(239, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 242, 229) }
```

Border

The CSS property to change the border of an element to XYZ 81.4916, 87.5121, 86.7252 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(239, 242, 229) }
```


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

```
.border{ border-color:rgb(239, 242, 229) }
```

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

Here you see how a box with a 4 pixel rgb(239, 242, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 242,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4916, 87.5121, 86.7252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 242, 229) }
```

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

```
.background{ background-color: rgb(239,  
242, 229) }
```

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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