

Converting Colors

XYZ(81.1611, 87.7136, 97.4892)

Have a look what the booklet for
XYZ(81.1611, 87.7136, 97.4892)
contains.

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Color

**XYZ(81.1833, 87.5612,
97.4162)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F3F3
RGB	231, 243, 243
RGB Percent	91%, 95%, 95%
CMY	0.0941, 0.0470, 0.0471
CMYK	0.05, 0.00, 0.00, 0.05
HSL	180°, 33%, 93%
HSV	180°, 5%, 95%
XYZ	81.1833, 87.5612, 97.4162
YIQ	239.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

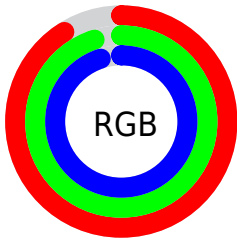
Format	Color
R _Y B	231, 237, 243
Decimal	15201267
CIE Lab	94.98, -3.94, -1.38
CIE LCh	95, 4.177, 199.283
Yxy	87.5612, 0.3050, 0.3290
Android (android.graphics.Color)	4293391347 (0xFFE7F3F3)
YUV	239.4120, 1.7689, -7.3773
Hunter-Lab	93.5741, -8.8912, 3.7775

Details

The XYZ color **81.1833, 87.5612, 97.4162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9651, 81.9784, 87.2144**, and the grayscale version is **82.3579, 86.6469, 94.3585**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4192, 48.2425, 53.9843** is the 20% darker color. If you saturate the color by 10%, you get **73.8778, 83.7976, 97.0700**, and if you desaturate by 10%, it is **89.4713, 91.8361, 97.8120**.

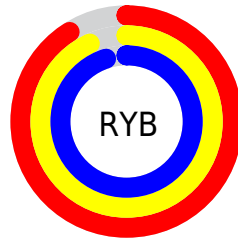
Distribution



Red (91%)

Green (95%)

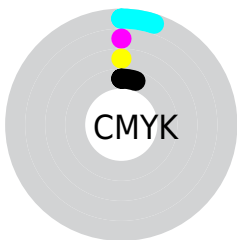
Blue (95%)



Red (91%)

Yellow (93%)

Blue (95%)

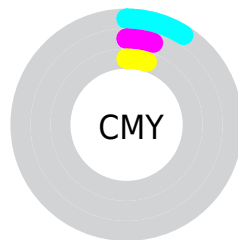


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1833, 87.5612, 97.4162 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 81.1833, 87.5612, 97.4162 by changing the saturation by 10% instead.

81.1833, 87.5612,
97.4162

81.1833, 87.5612,
97.4162

487.5878,
520.0652, 573.0523

61.0044, 65.9597,
73.5397

133.9699,
143.9461, 159.6227

44.4813, 48.2397,
53.9228

167.3083,
179.4983, 198.7897

31.2486, 34.0168,
38.1472

205.7640,
220.4696, 243.8905

20.9410, 22.9065,
25.7942

249.7022,
267.2443, 295.3439

13.1931, 14.5245,
16.4454

299.4883,
320.2068, 353.5682

7.6395, 8.4863,
9.6821

355.4877,

3.9150, 4.4077,

379.7415, 418.9820

5.0859

418.0657,
446.2328, 492.0039

■ 1.6542, 1.9041,
2.2381

■ 0.4273, 0.5509,
0.6962

■ 81.1833, 87.5612,
97.4162

■ 81.1833, 87.5612,
97.4162

■ 73.8778, 83.7976,
97.0700

■ 89.4713, 91.8361,
97.8120

■ 67.6140, 80.5687,
96.7707

■ 89.4725, 91.8366,
97.8182

■ 62.3469, 77.8535,
96.5180

■ 89.4737, 91.8371,
97.8244

■ 58.0251, 75.6257,
96.3096

■ 89.4749, 91.8376,
97.8306

■ 54.5925, 73.8563,
96.1428

■ 89.4761, 91.8380,
97.8368

■ 51.9875, 72.5134,
96.0148

■ 89.4772, 91.8385,
97.8430

■ 50.1401, 71.5612,
95.9222

■ 89.4784, 91.8390,
97.8493

■ 48.9693, 70.9578,
95.8612

■ 89.4796, 91.8394,
97.8555

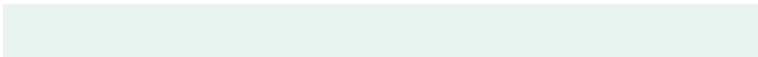
■ 48.3754, 70.6517,
95.8273

■ 89.4808, 91.8399,
97.8617

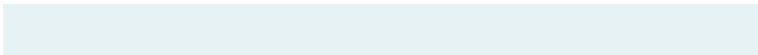
Harmonies

Analogous

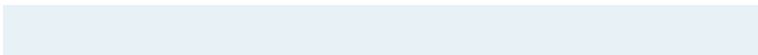
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1004, 87.5612, 94.1829



81.1833, 87.5612, 97.4162



81.8102, 87.5612, 100.1506

Triad

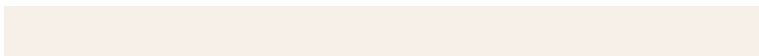
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1833, 87.5612, 97.4162



84.8878, 87.5612, 99.4706



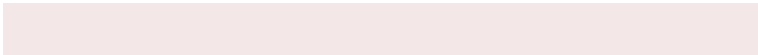
83.6304, 87.5612, 89.3348

Complementary

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



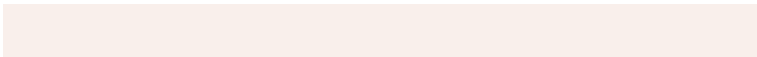
81.1833, 87.5612, 97.4162



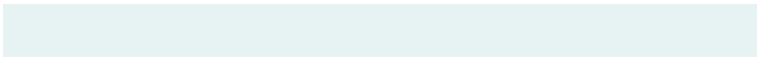
79.9651, 81.9784, 87.2144

Split Complementary

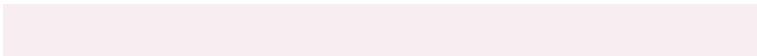
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6546, 87.5612, 90.6845



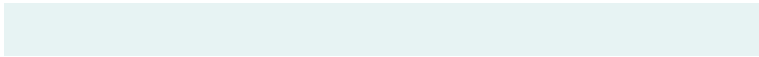
81.1833, 87.5612, 97.4162



85.3849, 87.5612, 96.5051

Square

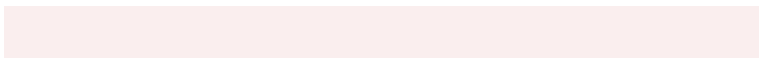
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1833, 87.5612, 97.4162



83.9464, 87.5612, 101.3552



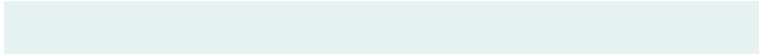
85.2992, 87.5612, 93.2921



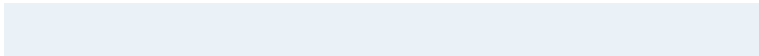
82.5064, 87.5612, 89.5662

Rectangle

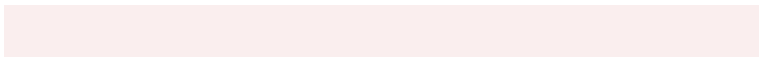
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



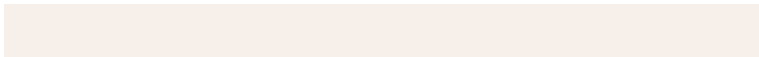
81.1833, 87.5612, 97.4162



82.4554, 87.5612, 101.2996



85.2992, 87.5612, 93.2921



83.9979, 87.5612, 89.6174

Sweetspot

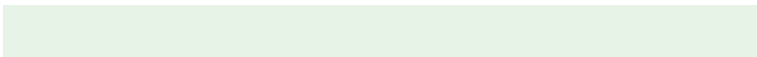
The Sweet Spot groups the original color and five complimentary colors.



81.1858, 87.5649, 97.4181



94.1179, 99.5195, 108.8557



79.4966, 86.8967, 88.1856



20.1549, 21.3063, 23.3001



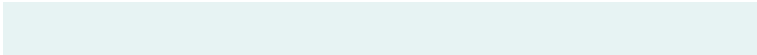
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

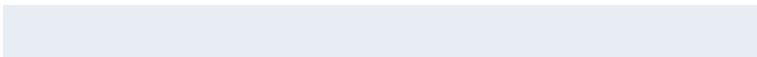
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1858, 87.5649, 97.4181



89.6426, 97.2125, 108.6428



79.4774, 84.1471, 96.8515



17.4639, 18.9987, 21.2883



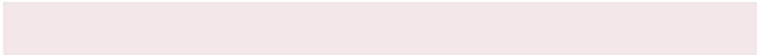
26.4631, 38.7301, 52.5856



2.3259, 3.4040, 4.6221

Inverse Universe

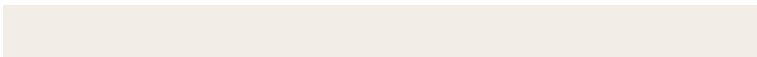
The Inverse Universe completely reimagines the original color for something new.



79.9651, 81.9784, 87.2144



87.9962, 89.6774, 94.8800



81.6155, 85.2801, 87.7619



17.1090, 17.3747, 18.3222



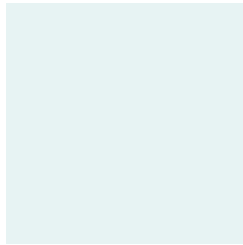
20.2865, 10.4580, 0.9511



1.7831, 0.9192, 0.0840

Previews

White Background



This preview shows how the XYZ color 81.1833, 87.5612, 97.4162 looks on a white background.

Color Contrast Check

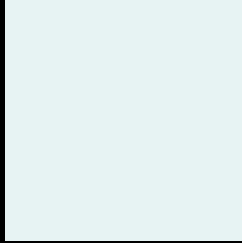
Large Text (above 18pt) WCAG AA × Fail

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 81.1833, 87.5612, 97.4162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

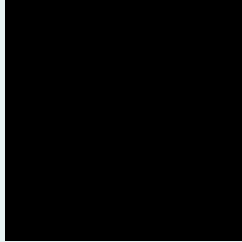
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

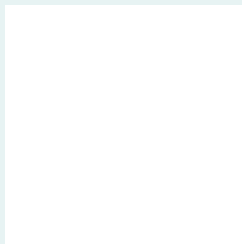
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1833, 87.5612, 97.4162

Background



This preview shows how black text looks on a background with the XYZ color 81.1833, 87.5612, 97.4162.



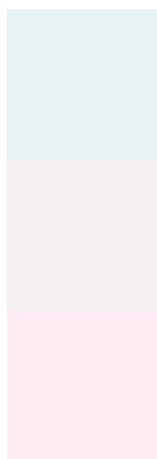
This preview shows how white text looks on a background with the XYZ color 81.1833, 87.5612,

97.4 62.

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

81.1833, 87.5612, 97.4162

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

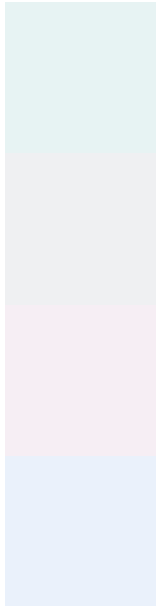
87.2775, 87.2083, 97.8208



Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

81.1833, 87.5612, 97.4162

Protanomaly

82.7837, 87.0817, 96.4497

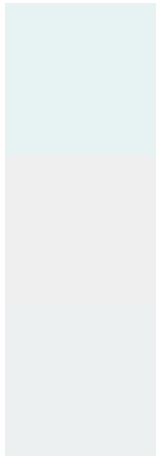
Deuteranomaly

84.9097, 87.2736, 97.9582

Tritanomaly

82.7996, 87.3681, 103.7665

Monochromacy



Original Color

81.1833, 87.5612, 97.4162

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.4803, 86.4443, 94.8290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1833, 87.5612, 97.4162 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(231, 243, 243) looks like.

```
.text, #text, p{  
    color:rgb(231, 243, 243)  
}
```

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(231, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.1833, 87.5612, 97.4162 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(231, 243, 243) }
```


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

```
.border{ border-color:rgb(231, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(231, 243,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1833, 87.5612, 97.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 243, 243) }
```

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

```
.background{ background-color: rgb(231,  
243, 243) }
```

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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