

Converting Colors

XYZ(82.0776, 87.5563, 97.5399)

Have a look what the booklet for
XYZ(82.0776, 87.5563, 97.5399)
contains.

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Color

**XYZ(82.1907, 87.6375,
97.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF2F3
RGB	235, 242, 243
RGB Percent	92%, 95%, 95%
CMY	0.0784, 0.0510, 0.0471
CMYK	0.03, 0.00, 0.00, 0.05
HSL	187°, 25%, 94%
HSV	187°, 3%, 95%
XYZ	82.1907, 87.6375, 97.3778
YIQ	240.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

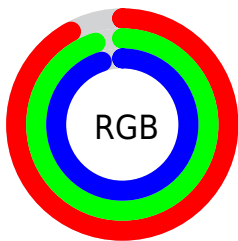
Format	Color
R _Y B	235, 239, 243
Decimal	15463155
CIE Lab	95.01, -2.13, -1.30
CIE LCh	95, 2.492, 211.400
Yxy	87.6375, 0.3076, 0.3280
Android (android.graphics.Color)	4293653235 (0xFFEBF2F3)
YUV	240.0210, 1.4686, -4.4034
Hunter-Lab	93.6149, -7.1092, 3.8572

Details

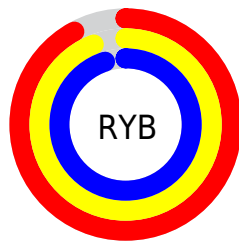
The XYZ color **82.1907, 87.6375, 97.3778** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9531, 85.0427, 90.6939**, and the grayscale version is **82.8344, 87.1482, 94.9044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1190, 48.2894, 53.9565** is the 20% darker color. If you saturate the color by 10%, you get **73.8172, 81.9975, 96.7318**, and if you desaturate by 10%, it is **90.0797, 93.0547, 98.0090**.

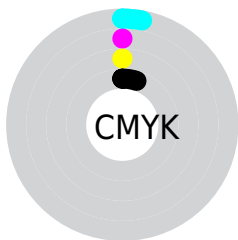
Distribution



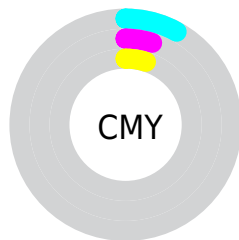
- Red (92%)
- Green (95%)
- Blue (95%)



- Red (92%)
- Yellow (94%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1907, 87.6375, 97.3778 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 82.1907, 87.6375, 97.3778 by changing the saturation by 10% instead.

82.1907, 87.6375,
97.3778

82.1907, 87.6375,
97.3778

490.9102,
520.3154, 572.9272

61.8374, 66.0229,
73.5078

135.3758,
144.0524, 159.5693

45.1564, 48.2910,
53.8970

168.9383,
179.6214, 198.7279

31.7824, 34.0574,
38.1267

207.6346,
220.6108, 243.8197

21.3501, 22.9377,
25.7784

251.8301,
267.4048, 295.2634

13.4941, 14.5475,
16.4337

301.8900,
320.3879, 353.4775

7.8490, 8.5024,
9.6739

358.1797,

4.0495, 4.4181,

379.9444, 418.8804

5.0805

421.0647,
446.4588, 491.8908

■ 1.7302, 1.9101,
2.2350

■ 0.4750, 0.5544,
0.6945

■ 82.1907, 87.6375,
97.3778

■ 82.1907, 87.6375,
97.3778

■ 73.8172, 81.9975,
96.7318

■ 90.0797, 93.0547,
98.0090

■ 66.5078, 76.9257,
96.1381

■ 91.0026, 94.9005,
98.3166

■ 60.2178, 72.4013,
95.5963

■ 91.9405, 96.7764,
98.6292

■ 54.8965, 68.3981,
95.1041

■ 92.8936, 98.6825,
98.9469

■ 50.4887, 64.8874,
94.6588

■ 93.1779, 99.2512,
99.0417

■ 46.9335, 61.8379,
94.2576

■ 44.1626, 59.2142,
93.8972

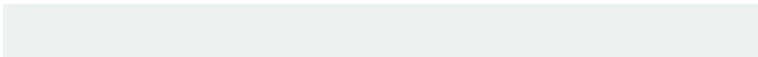
■ 42.0970, 56.9755,
93.5739

■ 40.6408, 55.0721,
93.2833

Harmonies

Analogous

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



82.0023, 87.6375, 95.5134



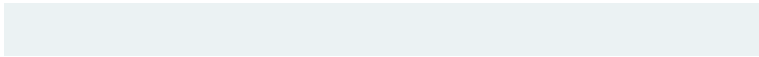
82.1907, 87.6375, 97.3778



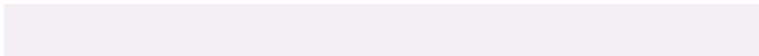
82.6753, 87.6375, 98.7329

Triad

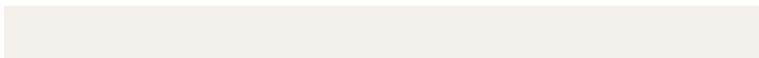
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1907, 87.6375, 97.3778



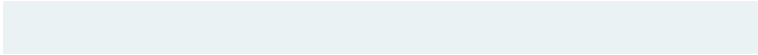
84.4449, 87.6375, 97.2180



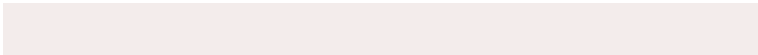
83.2650, 87.6375, 91.7439

Complementary

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



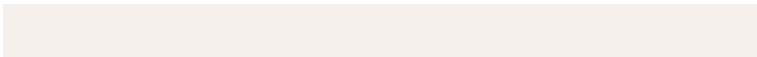
82.1907, 87.6375, 97.3778



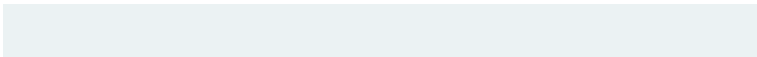
81.9531, 85.0427, 90.6939

Split Complementary

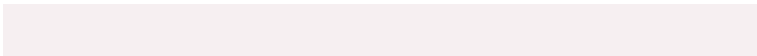
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9215, 87.6375, 92.1866



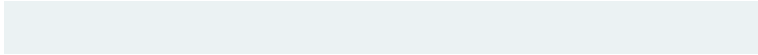
82.1907, 87.6375, 97.3778



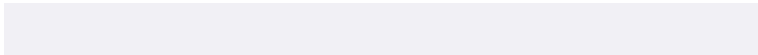
84.6049, 87.6375, 95.3313

Square

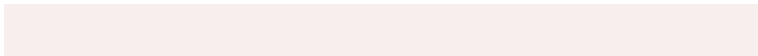
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1907, 87.6375, 97.3778



83.9768, 87.6375, 98.6398



84.4128, 87.6375, 93.4932



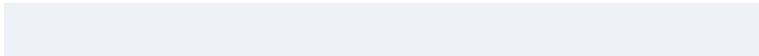
82.6205, 87.6375, 92.2756

Rectangle

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



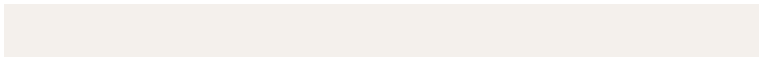
82.1907, 87.6375, 97.3778



83.1023, 87.6375, 99.1560



84.4128, 87.6375, 93.4932



83.4916, 87.6375, 91.7836

Sweetspot

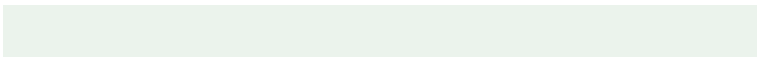
The Sweet Spot groups the original color and five complimentary colors.



82.1932, 87.6412, 97.3797



94.0169, 99.3172, 108.8227



81.4434, 87.8169, 91.9651



20.1344, 21.2652, 23.2933



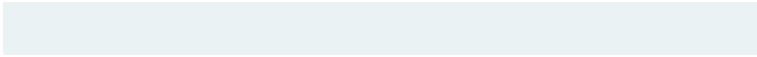
0.0000, 0.0000, 0.0000



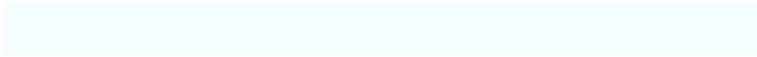
20.3446, 21.4041, 23.3091

Same Dimension

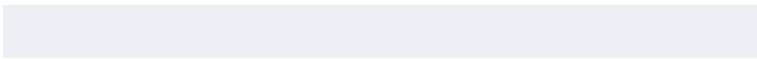
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1932, 87.6412, 97.3797



90.9927, 97.3090, 108.5944



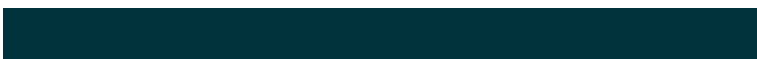
81.0338, 85.3224, 96.9933



17.6926, 18.9777, 21.2731



21.9717, 29.7372, 51.1198



1.9795, 2.7104, 4.5091

Inverse Universe

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



82.6994, 84.8837, 96.0343



91.6781, 93.5823, 106.7708



83.0993, 87.3351, 91.0760



17.8510, 18.1185, 20.8514



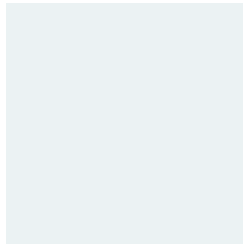
26.8948, 13.1014, 35.7500



2.3882, 1.1612, 3.2707

Previews

White Background



This preview shows how the XYZ color 82.1907, 87.6375, 97.3778 looks on a white background.

Color Contrast Check

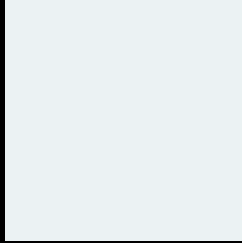
Large Text (above 18pt) WCAG AA × Fail

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 82.1907, 87.6375, 97.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

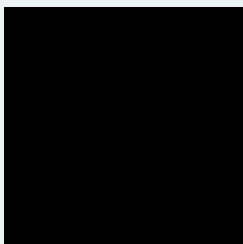
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

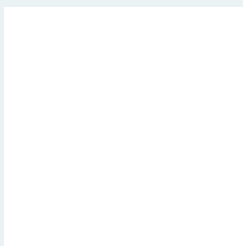
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1907, 87.6375, 97.3778

Background



This preview shows how black text looks on a background with the XYZ color 82.1907, 87.6375, 97.3778.



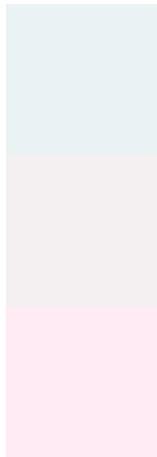
This preview shows how white text looks on a background with the XYZ color 82.1907, 87.6375,

97.3778.

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

82.1907, 87.6375, 97.3778

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

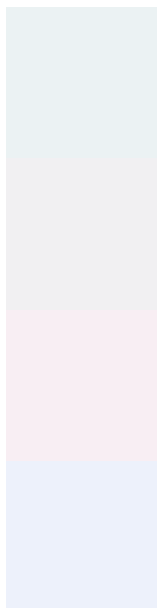
87.1260, 87.1477, 97.0232



Tritanopia

84.4700, 87.7173, 107.0868

Trichromacy



Original Color

82.1907, 87.6375, 97.3778

Protanomaly

83.4627, 87.4318, 96.4815

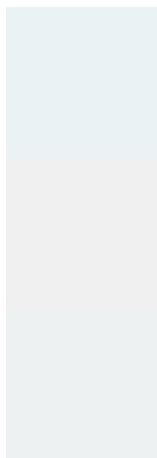
Deuteranomaly

85.4636, 87.5766, 97.1936

Tritanomaly

83.7929, 87.8802, 103.8130

Monochromacy



Original Color

82.1907, 87.6375, 97.3778

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5924, 87.4386, 95.7433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1907, 87.6375, 97.3778 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(235, 242, 243) looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 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(235, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.1907, 87.6375, 97.3778 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(235, 242, 243) }
```


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

```
.border{ border-color:rgb(235, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1907, 87.6375, 97.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 243) }
```

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

```
.background{ background-color: rgb(235,  
242, 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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