

Converting Colors

XYZ(82.7697, 87.8153, 99.7204)

Have a look what the booklet for
XYZ(82.7697, 87.8153, 99.7204)
contains.

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Color

**XYZ(82.9788, 87.9909,
99.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF2F6
RGB	236, 242, 246
RGB Percent	93%, 95%, 96%
CMY	0.0745, 0.0510, 0.0353
CMYK	0.04, 0.02, 0.00, 0.04
HSL	204°, 36%, 95%
HSV	204°, 4%, 96%
XYZ	82.9788, 87.9909, 99.7993
YIQ	240.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

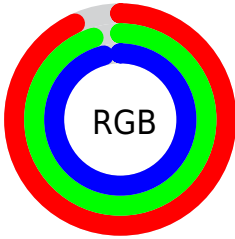
Format	Color
R _Y B	236, 240, 246
Decimal	15528694
CIE Lab	95.16, -1.25, -2.63
CIE LCh	95, 2.909, 244.508
Yxy	87.9909, 0.3065, 0.3250
Android (android.graphics.Color)	4293718774 (0xFFECEF2F6)
YUV	240.6620, 2.6316, -4.0886
Hunter-Lab	93.8035, -6.2545, 2.5827

Details

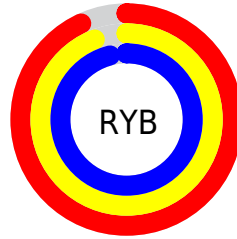
The XYZ color **82.9788, 87.9909, 99.7993** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.3068, 87.9686, 91.8946**, and the grayscale version is **83.3283, 87.6678, 95.4703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6756, 48.5388, 55.6768** is the 20% darker color. If you saturate the color by 10%, you get **72.5198, 78.3736, 98.4956**, and if you desaturate by 10%, it is **92.6339, 97.4322, 101.1141**.

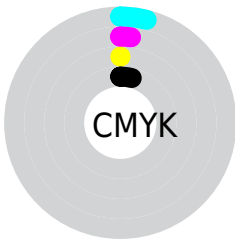
Distribution



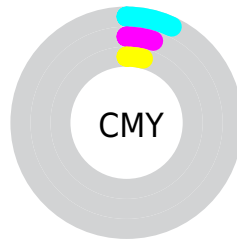
- Red (93%)
- Green (95%)
- Blue (96%)



- Red (93%)
- Yellow (94%)
- Blue (96%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9788, 87.9909, 99.7993 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 82.9788, 87.9909, 99.7993 by changing the saturation by 10% instead.

82.9788, 87.9909,
99.7993

82.9788, 87.9909,
99.7993

493.5009,
521.4734, 580.7902

62.4895, 66.3155,
75.5170

136.4744,
144.5445, 162.9308

45.6855, 48.5286,
55.5322

170.2115,
180.1915, 202.6171

32.2012, 34.2457,
39.4265

209.0952,
221.2645, 248.2751

21.6716, 23.0824,
26.7813

253.4909,
268.1479, 300.3234

13.7310, 14.6544,
17.1781

303.7640,
321.2261, 359.1805

8.0143, 8.5772,
10.1982

360.2798,

4.1560, 4.4664,

380.8835, 425.2650

5.4233

423.4036,
447.5045, 498.9954

■ 1.7907, 1.9377,
2.4346

■ 0.5121, 0.5709,
0.8052

■ 82.9788, 87.9909,
99.7993

■ 82.9788, 87.9909,
99.7993

■ 72.5198, 78.3736,
98.4956

■ 92.6339, 97.4322,
101.1141

■ 63.2923, 69.6187,
97.2920

■ 93.6348, 99.4339,
101.4477

■ 55.2477, 61.6997,
96.1875

■ 48.3308, 54.5844,
95.1787

■ 42.4817, 48.2381,
94.2620

■ 37.6346, 42.6227,
93.4336

■ 33.7157, 37.6961,
92.6892

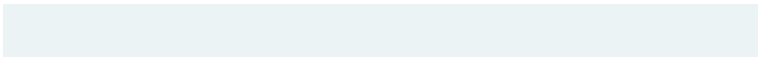
■ 30.6396, 33.4101,
92.0241

■ 28.3026, 29.7067,
91.4324

Harmonies

Analogous

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



82.3837, 87.9909, 98.3000



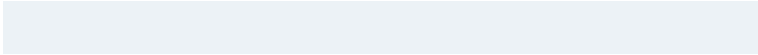
82.9788, 87.9909, 99.7993



83.7525, 87.9909, 100.2225

Triad

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



82.9788, 87.9909, 99.7993



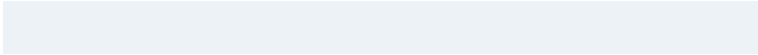
85.1605, 87.9909, 95.4647



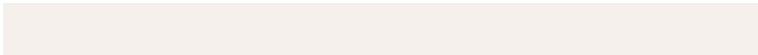
82.7727, 87.9909, 92.2568

Complementary

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



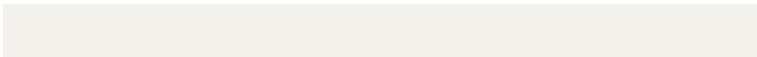
82.9788, 87.9909, 99.7993



84.3068, 87.9686, 91.8946

Split Complementary

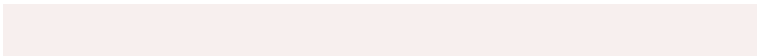
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5130, 87.9909, 91.5234



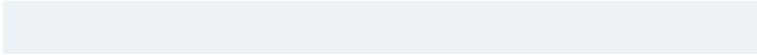
82.9788, 87.9909, 99.7993



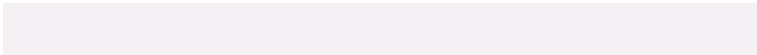
84.8943, 87.9909, 93.3568

Square

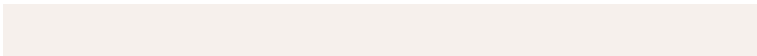
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



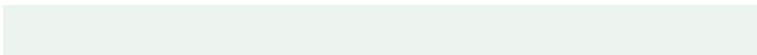
82.9788, 87.9909, 99.7993



85.0153, 87.9909, 97.6971



84.2900, 87.9909, 91.9229



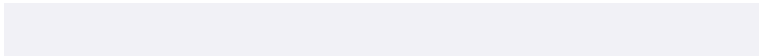
82.2652, 87.9909, 93.9417

Rectangle

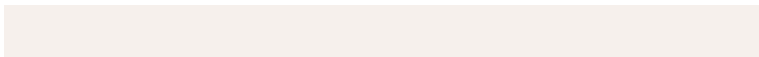
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9788, 87.9909, 99.7993



84.2662, 87.9909, 99.8319



84.2900, 87.9909, 91.9229



83.0024, 87.9909, 91.8921

Sweetspot

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



82.9813, 87.9946, 99.8012



93.7938, 98.8711, 108.7483



83.2527, 90.0273, 95.2989



20.0890, 21.1744, 23.2782



0.0000, 0.0000, 0.0000



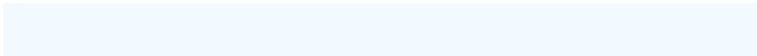
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9813, 87.9946, 99.8012



88.9098, 94.4534, 108.1530



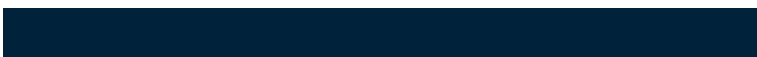
81.5606, 85.1532, 99.3277



17.2676, 18.3683, 21.1779



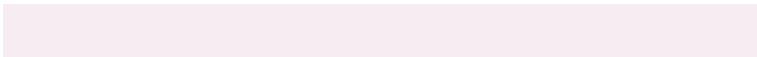
14.6463, 15.0863, 48.6780



1.3876, 1.5267, 4.3118

Inverse Universe

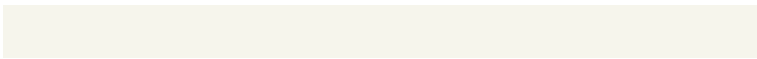
The Inverse Universe completely reimagines the original color for something new.



84.0305, 85.9964, 96.1788



90.3070, 91.8093, 103.3253



85.7498, 90.8545, 92.3756



17.5777, 17.7842, 20.1058



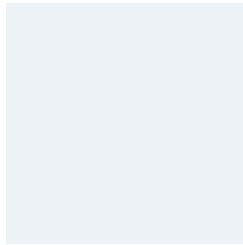
23.1973, 11.6223, 16.2791



2.0895, 1.0418, 1.6975

Previews

White Background



This preview shows how the XYZ color 82.9788, 87.9909, 99.7993 looks on a white background.

Color Contrast Check

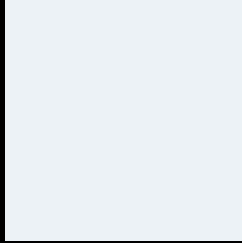
Large Text (above 18pt) WCAG AA × Fail

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 82.9788, 87.9909, 99.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

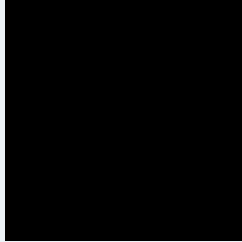
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

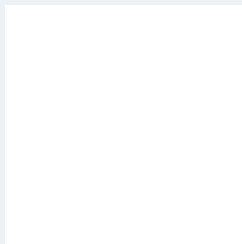
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9788, 87.9909, 99.7993

Background



This preview shows how black text looks on a background with the XYZ color 82.9788, 87.9909, 99.7993.



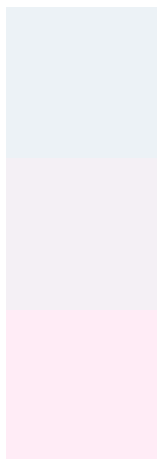
This preview shows how white text looks on a background with the XYZ color 82.9788, 87.9909,

99.7993.

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

82.9788, 87.9909, 99.7993

Protanopia

84.9497, 88.1458, 98.9227

Deuteranopia

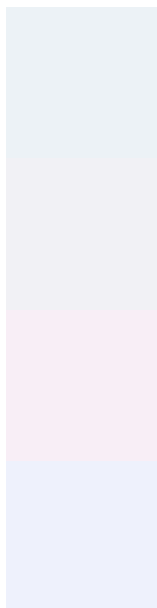
87.8700, 87.9047, 99.5248



Tritanopia

84.8067, 87.8909, 107.1026

Trichromacy



Original Color

82.9788, 87.9909, 99.7993

Protanomaly

84.2124, 88.2039, 98.9728

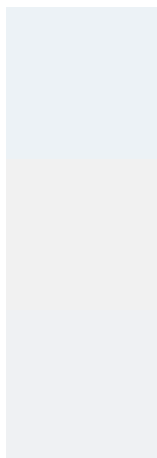
Deuteranomaly

85.9205, 87.7594, 99.5995

Tritanomaly

84.2859, 88.1160, 104.6612

Monochromacy



Original Color

82.9788, 87.9909, 99.7993

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.2296, 87.7324, 97.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9788, 87.9909, 99.7993 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(236, 242, 246) looks like.

```
.text, #text, p{  
    color:rgb(236, 242, 246)  
}
```

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(236, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.9788, 87.9909, 99.7993 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(236, 242, 246) }
```


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

```
.border{ border-color:rgb(236, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(236, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9788, 87.9909, 99.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 242, 246) }
```

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

```
.background{ background-color: rgb(236,  
242, 246) }
```

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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