

Converting Colors

XYZ(85.9139, 87.6183, 99.6884)

Have a look what the booklet for
XYZ(85.9139, 87.6183, 99.6884)
contains.

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Color

**XYZ(85.9205, 87.7594,
99.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EEF6
RGB	248, 238, 246
RGB Percent	97%, 93%, 96%
CMY	0.0274, 0.0666, 0.0353
CMYK	0.00, 0.04, 0.01, 0.03
HSL	312°, 42%, 95%
HSV	312°, 4%, 97%
XYZ	85.9205, 87.7594, 99.5995
YIQ	241.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

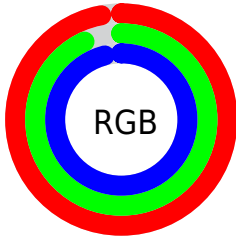
Format	Color
R _Y B	248, 238, 246
Decimal	16314102
CIE Lab	95.06, 4.75, -2.66
CIE LCh	95, 5.446, 330.713
Yxy	87.7594, 0.3144, 0.3211
Android (android.graphics.Color)	4294504182 (0xFF8EEF6)
YUV	241.9020, 2.0203, 5.3479
Hunter-Lab	93.6800, -0.2251, 2.5395

Details

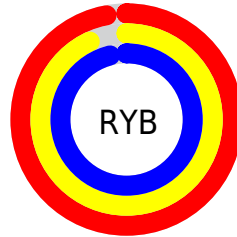
The XYZ color **85.9205, 87.7594, 99.5995** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5588, 91.6056, 95.6676**, and the grayscale version is **84.3055, 88.6959, 96.5898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7604, 48.3801, 55.5362** is the 20% darker color. If you saturate the color by 10%, you get **78.4411, 74.0021, 93.3995**, and if you desaturate by 10%, it is **91.8788, 98.4395, 105.3950**.

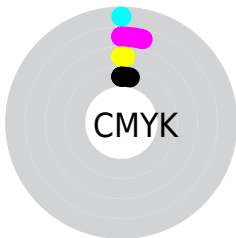
Distribution



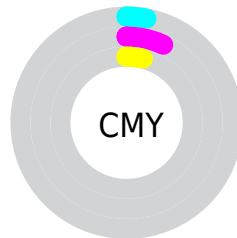
- Red (97%)
- Green (93%)
- Blue (96%)



- Red (97%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9205, 87.7594, 99.5995 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 85.9205, 87.7594, 99.5995 by changing the saturation by 10% instead.


 85.9205, 87.7594,
99.5995

 85.9205, 87.7594,
99.5995


503.1069,
520.7150, 580.1436

 64.9273, 66.1238,
75.3511


140.5659,
144.2221, 162.6538

 47.6666, 48.3729,
55.3971


174.9489,
179.8181, 202.2967

 33.7731, 34.1223,
39.3190

214.5258,
220.8363, 247.9082

 22.8814, 22.9876,
26.6982

259.6620,
267.6612, 299.9069

 14.6262, 14.5843,
17.1163

310.7228,
320.6771, 358.7112

 8.6420, 8.5282,
10.1546

368.0737,

 4.5637, 4.4347,

380.2684, 424.7397

5.3946

432.0800,
446.8196, 498.4110

■ 2.0257, 1.9196,
2.4179

■ 0.6483, 0.5601,
0.7961

■ 85.9205, 87.7594,
99.5995

■ 85.9205, 87.7594,
99.5995

■ 78.4411, 74.0021,
93.3995

■ 91.8788, 98.4395,
105.3950

■ 71.9335, 62.1574,
87.6220

■ 92.5220, 98.6967,
108.7817

■ 66.3570, 52.1427,
82.2537

■ 61.6649, 43.8650,
77.2783

■ 57.8064, 37.2232,
72.6780

■ 54.7257, 32.1054,
68.4334

■ 52.3596, 28.3859,
64.5227

■ 50.6351, 25.9189,
60.9206

■ 49.4630, 24.5261,
57.5966

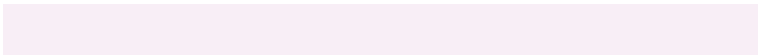
Harmonies

Analogous

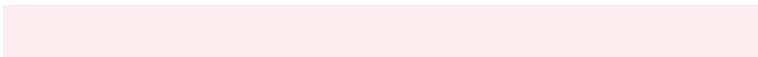
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8752, 87.7594, 102.7379



85.9205, 87.7594, 99.5995



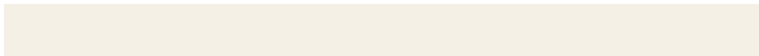
86.2920, 87.7594, 95.4537

Triad

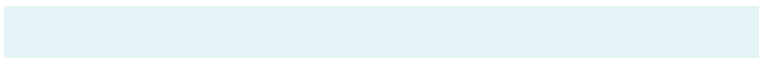
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9205, 87.7594, 99.5995



83.3773, 87.7594, 87.6317



80.9888, 87.7594, 99.7802

Complementary

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



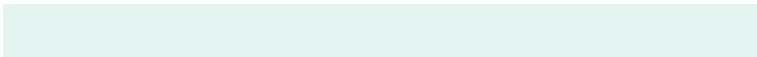
85.9205, 87.7594, 99.5995



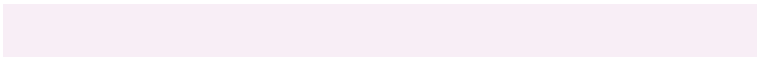
84.5588, 91.6056, 95.6676

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.



80.5981, 87.7594, 95.6565



85.9205, 87.7594, 99.5995



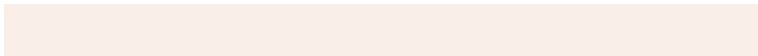
81.9670, 87.7594, 88.7151

Square

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



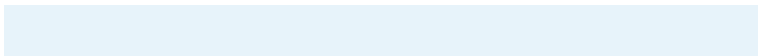
85.9205, 87.7594, 99.5995



84.8132, 87.7594, 88.6186



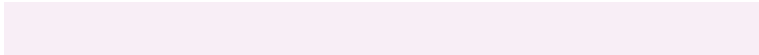
80.9541, 87.7594, 91.6216



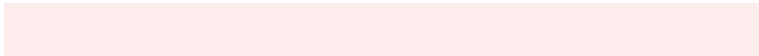
82.0277, 87.7594, 102.8444

Rectangle

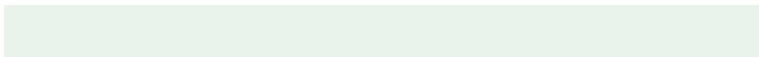
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9205, 87.7594, 99.5995



86.1041, 87.7594, 92.7002



80.9541, 87.7594, 91.6216



80.7779, 87.7594, 98.4680

Sweetspot

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



85.9230, 87.7632, 99.6014



94.1598, 98.3510, 108.1986



83.4567, 86.4561, 101.0973



20.1635, 21.0685, 23.1664



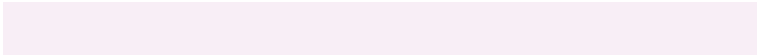
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

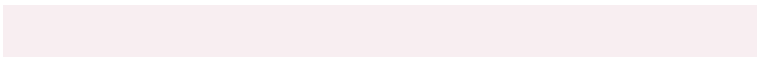
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9230, 87.7632, 99.6014



90.7085, 91.9700, 105.4400



85.1661, 87.4604, 95.6155



18.4677, 18.6260, 21.5087



26.4933, 13.0130, 30.3697



2.4902, 1.2198, 3.0049

Inverse Universe

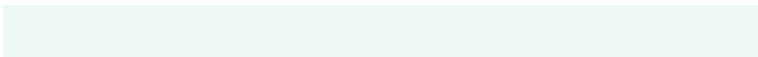
The Inverse Universe completely reimagines the original color for something new.



85.9230, 87.7632, 99.6014



90.7085, 91.9700, 105.4400



85.3116, 91.9067, 99.6319



18.4677, 18.6260, 21.5087



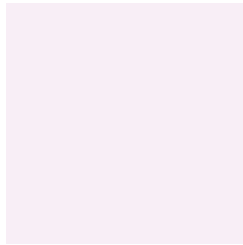
26.4933, 13.0130, 30.3697



2.4902, 1.2198, 3.0049

Previews

White Background



This preview shows how the XYZ color 85.9205, 87.7594, 99.5995 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 85.9205, 87.7594, 99.5995 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 85.9205, 87.7594, 99.5995

Background



This preview shows how black text looks on a background with the XYZ color 85.9205, 87.7594, 99.5995.



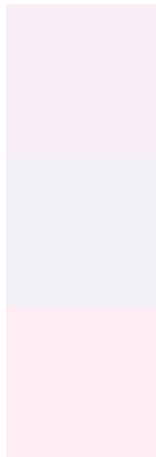
This preview shows how white text looks on a background with the XYZ color 85.9205, 87.7594,

99.5995.

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

85.9205, 87.7594, 99.5995

Protanopia

84.6172, 87.5031, 100.4257

Deuteranopia

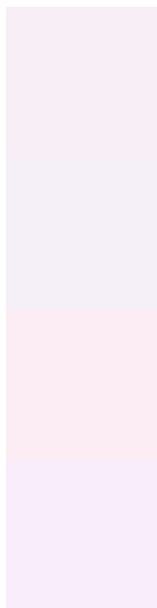
87.7169, 87.8435, 98.7185



Tritanopia

87.4011, 87.9281, 106.9730

Trichromacy



Original Color

85.9205, 87.7594, 99.5995

Protanomaly

85.3112, 87.8609, 100.4582

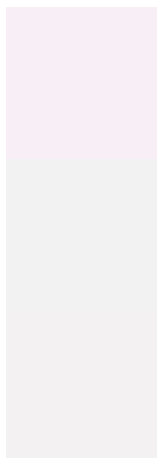
Deuteranomaly

86.9105, 87.8564, 98.7635

Tritanomaly

86.9218, 87.7364, 104.4490

Monochromacy



Original Color

85.9205, 87.7594, 99.5995

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.9412, 88.6148, 97.4215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9205, 87.7594, 99.5995 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(248, 238, 246) looks like.

```
.text, #text, p{  
    color:rgb(248, 238, 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(248, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 238, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.9205, 87.7594, 99.5995 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(248, 238, 246) }
```


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

```
.border{ border-color:rgb(248, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 238,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9205, 87.7594, 99.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 238, 246) }
```

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

```
.background{ background-color: rgb(248,  
238, 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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