

Converting Colors

XYZ(83.8189, 86.3343, 87.0417)

Have a look what the booklet for
XYZ(83.8189, 86.3343, 87.0417)
contains.

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Color

**XYZ(83.9915, 86.6055,
87.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEDE6
RGB	250, 237, 230
RGB Percent	98%, 93%, 90%
CMY	0.0196, 0.0706, 0.0980
CMYK	0.00, 0.05, 0.08, 0.02
HSL	21°, 67%, 94%
HSV	21°, 8%, 98%
XYZ	83.9915, 86.6055, 87.1526
YIQ	240.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

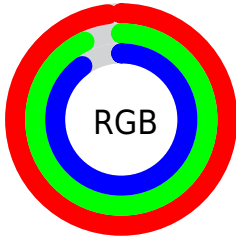
Format	Color
R _Y B	250, 241, 230
Decimal	16444902
CIE Lab	94.57, 3.21, 4.94
CIE LCh	95, 5.895, 56.981
Yxy	86.6055, 0.3259, 0.3360
Android (android.graphics.Color)	4294634982 (0xFFFAEDE6)
YUV	240.0890, -4.9739, 8.6919
Hunter-Lab	93.0621, -1.7567, 9.6184

Details

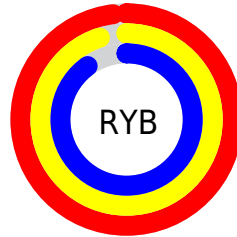
The XYZ color **83.9915, 86.6055, 87.1526** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9390, 87.8250, 103.0770**, and the grayscale version is **82.9284, 87.2471, 95.0121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2541, 47.4803, 47.2842** is the 20% darker color. If you saturate the color by 10%, you get **76.2379, 76.3189, 68.4714**, and if you desaturate by 10%, it is **92.6793, 97.9532, 108.6299**.

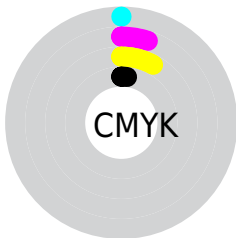
Distribution



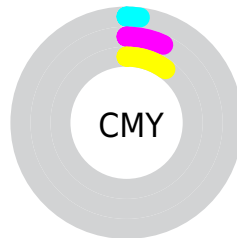
- Red (98%)
- Green (93%)
- Blue (90%)



- Red (98%)
- Yellow (95%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.9915, 86.6055, 87.1526 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 83.9915, 86.6055, 87.1526 by changing the saturation by 10% instead.


 83.9915, 86.6055,
87.1526

 83.9915, 86.6055,
87.1526


496.8191,
516.9257, 539.0534

 63.3281, 65.1688,
65.0612

137.8846,
142.6141, 145.2776

 46.3663, 47.5980,
47.0590


171.8450,
177.9549, 182.1482

 32.7408, 33.5086,
32.7276


210.9685,
218.6991, 224.7822

 22.0863, 22.5164,
21.6485

255.6204,
265.2311, 273.5983

 14.0373, 14.2368,
13.4030

306.1660,
317.9354, 329.0149

 8.2285, 8.2855,
7.5726

362.9708,

 4.2945, 4.2782,

377.1963, 391.4506

3.7389

426.4000,
443.3983, 461.3239

■ 1.8701, 1.8304,
1.4832

■ 0.5593, 0.5060,
0.2054

■ 83.9915, 86.6055,
87.1526

■ 83.9915, 86.6055,
87.1526

■ 76.2379, 76.3189,
68.4714

■ 92.6793, 97.9532,
108.6299

■ 69.3790, 67.0512,
52.4663

■ 93.2349, 99.0643,
108.8151

■ 63.3826, 58.7734,
39.0147

■ 58.2118, 51.4512,
27.9825

■ 53.8266, 45.0480,
19.2230

■ 50.1835, 39.5247,
12.5736

■ 47.2338, 34.8387,
7.8496

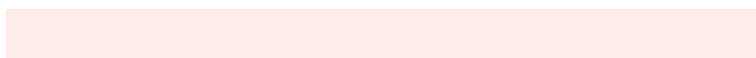
■ 44.9219, 30.9433,
4.8333

■ 43.1765, 27.7837,
3.2307

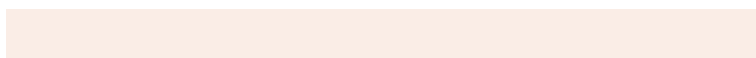
Harmonies

Analogous

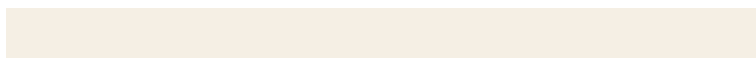
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0679, 86.6055, 90.3854



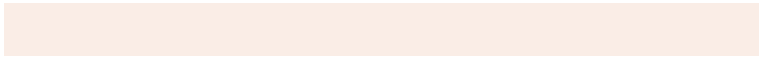
83.9915, 86.6055, 87.1526



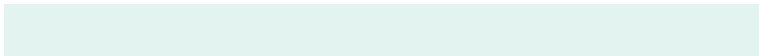
82.4769, 86.6055, 85.8304

Triad

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



83.9915, 86.6055, 87.1526



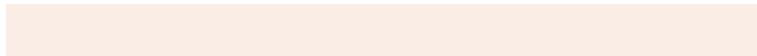
79.3034, 86.6055, 93.8388



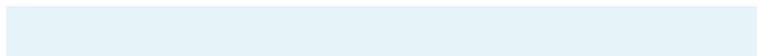
83.7095, 86.6055, 102.3106

Complementary

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



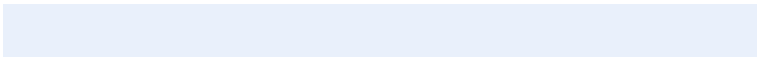
83.9915, 86.6055, 87.1526



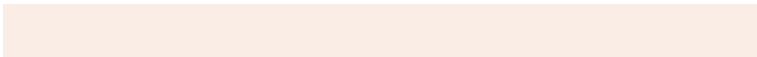
81.9390, 87.8250, 103.0770

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.



82.1552, 86.6055, 103.3064



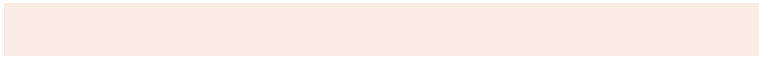
83.9915, 86.6055, 87.1526



79.6240, 86.6055, 98.3233

Square

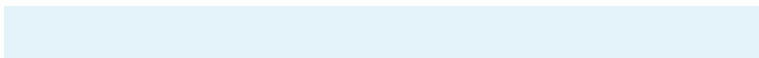
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



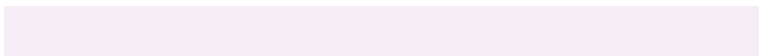
83.9915, 86.6055, 87.1526



79.7814, 86.6055, 89.6120



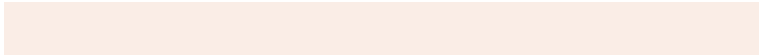
80.6628, 86.6055, 101.8251



84.9036, 86.6055, 99.1459

Rectangle

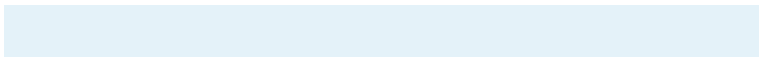
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9915, 86.6055, 87.1526



81.4271, 86.6055, 86.1777



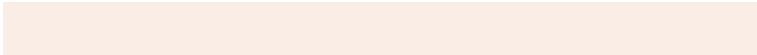
80.6628, 86.6055, 101.8251



83.2112, 86.6055, 102.9144

Sweetspot

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



83.9939, 86.6093, 87.1545



93.1915, 97.5797, 104.2833



83.9000, 83.3900, 96.4691



19.9663, 20.9115, 22.3693



0.0000, 0.0000, 0.0000



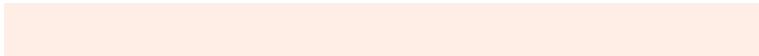
20.3446, 21.4041, 23.3091

Same Dimension

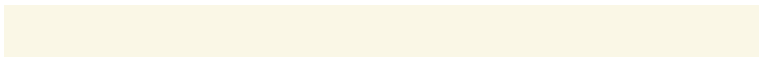
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9939, 86.6093, 87.1545



86.1528, 88.3451, 87.0069



86.9692, 92.5600, 88.1462



17.7418, 18.2194, 18.0440



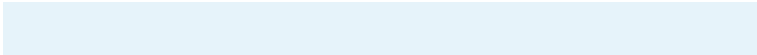
22.8651, 14.6869, 1.6297



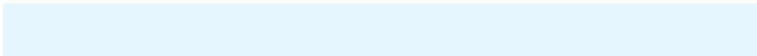
2.2130, 1.5508, 0.1827

Inverse Universe

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



81.9390, 87.8250, 103.0770



83.4998, 89.9143, 107.5620



79.0286, 82.0043, 102.1068



17.2243, 18.5255, 22.0533



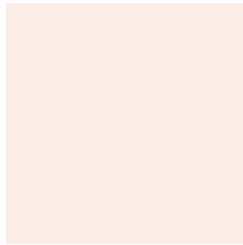
16.1880, 17.7316, 50.5429



1.5987, 1.8410, 4.7143

Previews

White Background



This preview shows how the XYZ color 83.9915, 86.6055, 87.1526 looks on a white background.

Color Contrast Check

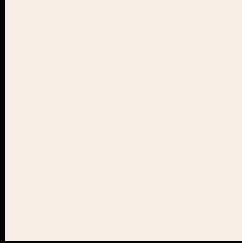
Large Text (above 18pt) WCAG AA × Fail

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 83.9915, 86.6055, 87.1526 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

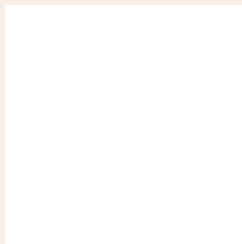
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9915, 86.6055, 87.1526

Background



This preview shows how black text looks on a background with the XYZ color 83.9915, 86.6055, 87.1526.



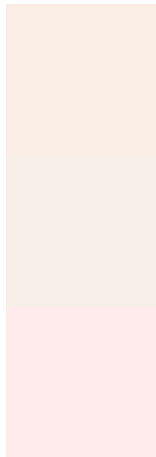
This preview shows how white text looks on a background with the XYZ color 83.9915, 86.6055,

87.1526.

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

83.9915, 86.6055, 87.1526

Protanopia

83.0044, 86.5114, 87.9249

Deuteranopia

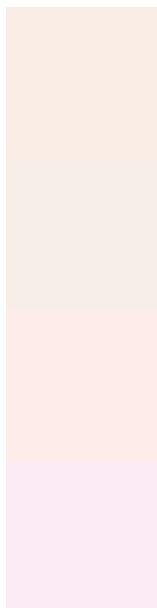
85.9437, 86.6748, 90.7975



Tritanopia

87.5015, 86.7566, 104.2293

Trichromacy



Original Color

83.9915, 86.6055, 87.1526

Protanomaly

83.3561, 86.6927, 87.9413

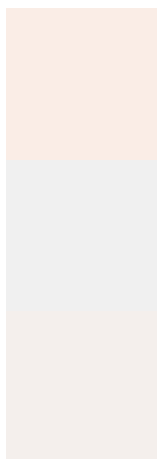
Deuteranomaly

85.2114, 86.7567, 89.3454

Tritanomaly

86.1823, 86.6438, 97.7696

Monochromacy



Original Color

83.9915, 86.6055, 87.1526

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.3151, 87.0222, 91.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9915, 86.6055, 87.1526 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(250, 237, 230) looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 230)  
}
```

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(250, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 230) }
```

Border

The CSS property to change the border of an element to XYZ 83.9915, 86.6055, 87.1526 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(250, 237, 230) }
```


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

```
.border{ border-color:rgb(250, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9915, 86.6055, 87.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 230) }
```

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

```
.background{ background-color: rgb(250,  
237, 230) }
```

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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