

Converting Colors

XYZ(82.1922, 87.0123, 78.7981)

Have a look what the booklet for
XYZ(82.1922, 87.0123, 78.7981)
contains.

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Color

**XYZ(82.1727, 87.1563,
78.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F0DA
RGB	247, 240, 218
RGB Percent	97%, 94%, 85%
CMY	0.0314, 0.0588, 0.1451
CMYK	0.00, 0.03, 0.12, 0.03
HSL	46°, 64%, 91%
HSV	46°, 12%, 97%
XYZ	82.1727, 87.1563, 78.8215
YIQ	239.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

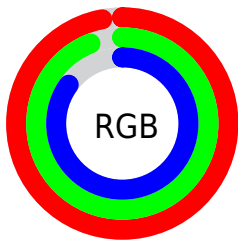
Format	Color
RYB	227, 247, 218
Decimal	16249050
CIELab	94.80, -1.28, 11.46
CIElCh	95, 11.534, 96.396
Yxy	87.1563, 0.3311, 0.3512
Android (android.graphics.Color)	4294439130 (0xFFFF7F0DA)
YUV	239.5850, -10.6414, 6.5030
Hunter-Lab	93.3575, -6.2611, 15.2919

Details

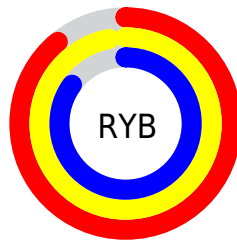
The XYZ color **82.1727, 87.1563, 78.8215** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.6268, 75.4697, 98.7356**, and the grayscale version is **82.5764, 86.8768, 94.6089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2372, 48.0017, 41.5313** is the 20% darker color. If you saturate the color by 10%, you get **77.4540, 82.5112, 62.4727**, and if you desaturate by 10%, it is **87.4355, 92.1169, 97.7301**.

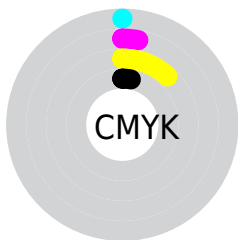
Distribution



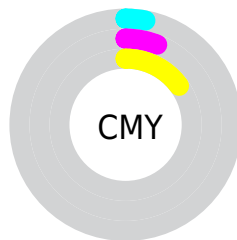
- Red (97%)
- Green (94%)
- Blue (85%)



- Red (89%)
- Yellow (97%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1727, 87.1563, 78.8215 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 82.1727, 87.1563, 78.8215 by changing the saturation by 10% instead.

82.1727, 87.1563,
78.8215

82.1727, 87.1563,
78.8215

490.8509,
518.7363, 510.5539

61.8225, 65.6246,
58.2286

135.3507,
143.3820, 133.5039

45.1443, 47.9677,
41.5765

168.9092,
178.8447, 168.4305

31.7729, 33.8013,
28.4468

207.6012,
219.7199, 208.9721

21.3428, 22.7410,
18.4207

251.7921,
266.3919, 255.5473

13.4887, 14.4024,
11.0799

301.8471,
319.2452, 308.5745

7.8452, 8.4011,
6.0058

358.1317,

4.0470, 4.3526,

378.6641, 368.4723

2.7797

421.0112,
445.0330, 435.6593

■ 1.7288, 1.8727,
0.9833

■ 0.4742, 0.5319,
0.0000

■ 82.1727, 87.1563,
78.8215

■ 82.1727, 87.1563,
78.8215

■ 77.4540, 82.5112,
62.4727

■ 87.4355, 92.1169,
97.7301

■ 73.2505, 78.1606,
48.5661

■ 91.1939, 96.5659,
108.4404

■ 69.5411, 74.0981,
36.9832

■ 92.1681, 98.5143,
108.7651

■ 66.3007, 70.3125,
27.5935

■ 63.5013, 66.7920,
20.2533

■ 61.1119, 63.5232,
14.8018

■ 59.0968, 60.4908,
11.0540

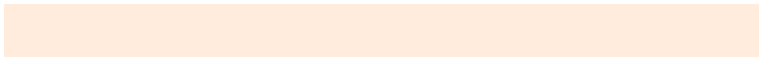
■ 57.4132, 57.6768,
8.7874

■ 56.2183, 55.4948,
7.7485

Harmonies

Analogous

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



85.2659, 87.1563, 80.0035



82.1727, 87.1563, 78.8215



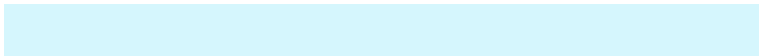
79.3291, 87.1563, 81.7244

Triad

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



82.1727, 87.1563, 78.8215



78.1018, 87.1563, 105.4669



88.4615, 87.1563, 101.9486

Complementary

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



82.1727, 87.1563, 78.8215



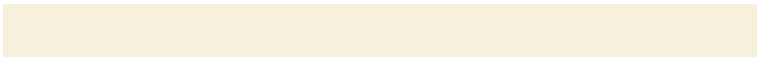
72.6268, 75.4697, 98.7356

Split Complementary

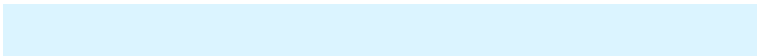
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4518, 87.1563, 109.4171



82.1727, 87.1563, 78.8215



80.4595, 87.1563, 111.5359

Square

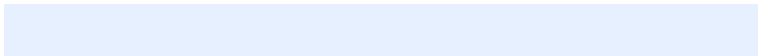
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1727, 87.1563, 78.8215



77.0172, 87.1563, 96.8260



83.5098, 87.1563, 113.0250



88.9480, 87.1563, 92.9966

Rectangle

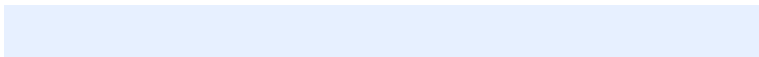
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1727, 87.1563, 78.8215



77.9407, 87.1563, 85.6998



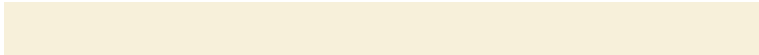
83.5098, 87.1563, 113.0250



87.9393, 87.1563, 104.7327

Sweetspot

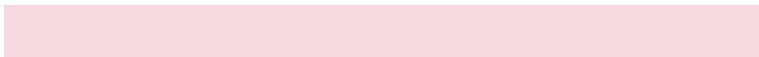
The Sweet Spot groups the original color and five complimentary colors.



82.1751, 87.1601, 78.8234



92.6710, 97.8006, 100.2193



77.0549, 75.3680, 81.9004



19.7420, 20.8461, 21.1126



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.



82.1751, 87.1601, 78.8234



87.1399, 92.5387, 80.4941



81.7669, 90.0658, 79.4057



17.5562, 18.5966, 17.4618



29.8479, 29.5814, 4.1366



2.7025, 2.7582, 0.3900

Inverse Universe

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



72.6268, 75.4697, 98.7356



75.0727, 77.7645, 105.6610



72.9903, 72.9072, 98.2218



15.9057, 16.5757, 20.9037



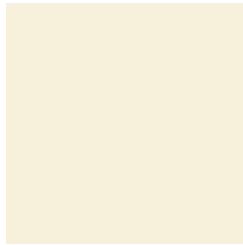
9.8135, 5.4207, 47.0671



0.9394, 0.6302, 4.1624

Previews

White Background



This preview shows how the XYZ color 82.1727, 87.1563, 78.8215 looks on a white background.

Color Contrast Check

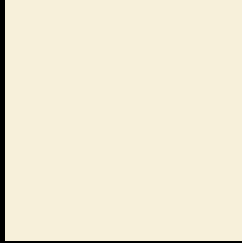
Large Text (above 18pt) WCAG AA × Fail

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 82.1727, 87.1563, 78.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

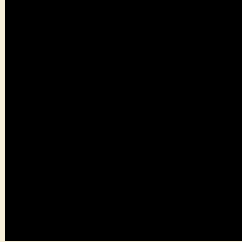
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1727, 87.1563, 78.8215

Background



This preview shows how black text looks on a background with the XYZ color 82.1727, 87.1563, 78.8215.



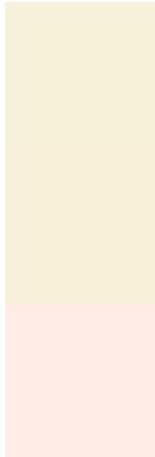
This preview shows how white text looks on a background with the XYZ color 82.1727, 87.1563,

78.8215.

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

82.1727, 87.1563, 78.8215

Protanopia

82.9457, 87.1190, 78.7736

Deuteranopia

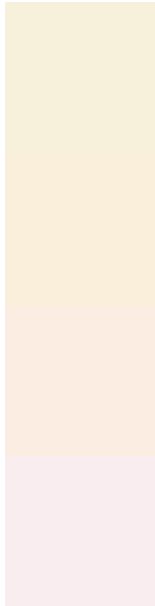
85.6593, 87.0204, 87.8832



Tritanopia

87.5828, 87.2040, 105.1444

Trichromacy



Original Color

82.1727, 87.1563, 78.8215

Protanomaly

82.5883, 86.9347, 78.7569

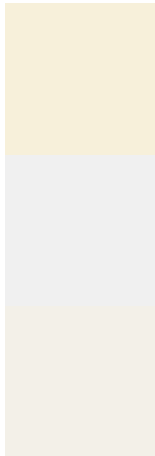
Deuteranomaly

84.1565, 86.7548, 84.2613

Tritanomaly

85.4367, 87.1836, 94.7632

Monochromacy



Original Color

82.1727, 87.1563, 78.8215

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.6877, 87.2011, 88.8173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1727, 87.1563, 78.8215 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(247, 240, 218) looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 218)  
}
```

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(247, 240, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 218) }
```

Border

The CSS property to change the border of an element to XYZ 82.1727, 87.1563, 78.8215 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(247, 240, 218) }
```


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

```
.border{ border-color:rgb(247, 240, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 240, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 218);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1727, 87.1563, 78.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 218) }
```

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

```
.background{ background-color: rgb(247,  
240, 218) }
```

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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