

Converting Colors

XYZ(82.9945, 86.7316, 74.8791)

Have a look what the booklet for
XYZ(82.9945, 86.7316, 74.8791)
contains.

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Color

**XYZ(82.9662, 86.7852,
74.6658)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDEED4 |
| RGB | 253, 238, 212 |
| RGB Percent | 99%, 93%, 83% |
| CMY | 0.0078, 0.0666, 0.1686 |
| CMYK | 0.00, 0.06, 0.16, 0.01 |
| HSL | 38°, 91%, 91% |
| HSV | 38°, 16%, 99% |
| XYZ | 82.9662, 86.7852, 74.6658 |
| YIQ | 239.5210, 17.2860, -4.9060 |

Conversions

Conversions Part 2

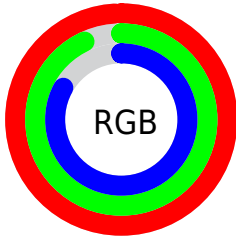
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 253, 212 |
| Decimal | 16641748 |
| CIE Lab | 94.65, 0.92, 14.40 |
| CIE LCh | 95, 14.433, 86.336 |
| Yxy | 86.7852, 0.3394, 0.3551 |
| Android (android.graphics.Color) | 4294831828 (0xFFFDEED4) |
| YUV | 239.5210, -13.5679, 11.8211 |
| Hunter-Lab | 93.1586, -4.0570, 17.6906 |

Details

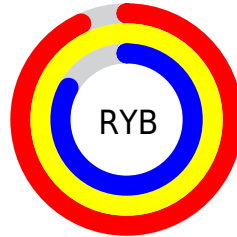
The XYZ color **82.9662, 86.7852, 74.6658** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.3497, 76.0254, 103.7902**, and the grayscale version is **82.5452, 86.8440, 94.5731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5787, 47.6260, 38.6888** is the 20% darker color. If you saturate the color by 10%, you get **77.3971, 80.3601, 58.2783**, and if you desaturate by 10%, it is **89.1786, 93.6951, 93.7370**.

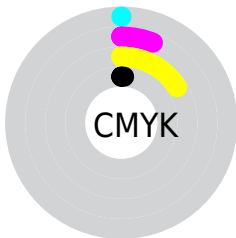
Distribution



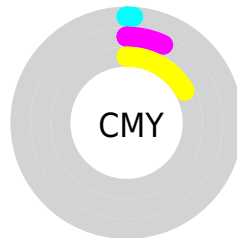
- Red (99%)
- Green (93%)
- Blue (83%)



- Red (93%)
- Yellow (99%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (1%)




- Cyan (1%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9662, 86.7852, 74.6658 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 82.9662, 86.7852, 74.6658 by changing the saturation by 10% instead.


 82.9662, 86.7852,
74.6658

 82.9662, 86.7852,
74.6658


493.4595,
517.5168, 495.9928

 62.4791, 65.3175,
54.8391


136.4569,
142.8647, 127.5819

 45.6770, 47.7185,
38.8752


170.1912,
178.2453, 161.5084

 32.1945, 33.6041,
26.3555


209.0719,
219.0322, 200.9718

 21.6664, 22.5896,
16.8617

253.4644,
265.6100, 246.3908

 13.7272, 14.2908,
9.9750

303.7341,
318.3629, 298.1839

 8.0116, 8.3232,
5.2770

360.2462,

 4.1542, 4.3024,

377.6754, 356.7695

2.3491

423.3663,
443.9319, 422.5663

■ 1.7898, 1.8441,
0.7585

■ 0.5115, 0.5145,
0.0000

■ 82.9662, 86.7852,
74.6658

■ 82.9662, 86.7852,
74.6658

■ 77.3971, 80.3601,
58.2783

■ 89.1786, 93.6951,
93.7370

■ 72.4390, 74.3947,
44.4459

■ 94.3183, 99.6228,
108.8658

■ 68.0672, 68.8787,
33.0378

■ 64.2519, 63.7968,
23.9093

■ 60.9609, 59.1325,
16.8999

■ 58.1574, 54.8675,
11.8282

■ 55.7990, 50.9811,
8.4819

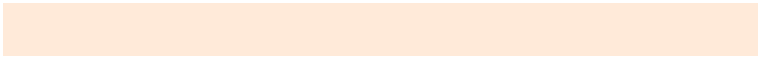
■ 53.8332, 47.4485,
6.5969

■ 53.1609, 46.1880,
6.1133

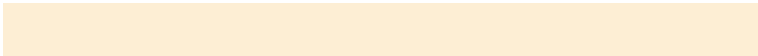
Harmonies

Analogous

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



86.7080, 86.7852, 77.7437



82.9662, 86.7852, 74.6658



79.2088, 86.7852, 76.5466

Triad

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



82.9662, 86.7852, 74.6658



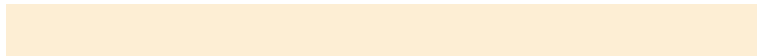
75.9555, 86.7852, 104.3323



88.8781, 86.7852, 106.8888

Complementary

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



82.9662, 86.7852, 74.6658



72.3497, 76.0254, 103.7902

Split Complementary

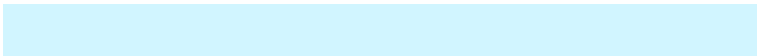
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8539, 86.7852, 115.0487



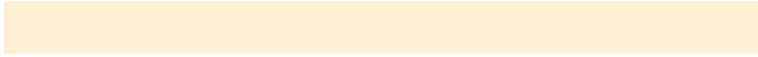
82.9662, 86.7852, 74.6658



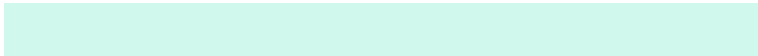
78.4047, 86.7852, 113.4931

Square

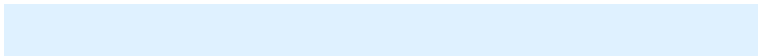
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9662, 86.7852, 74.6658



75.2365, 86.7852, 93.1304



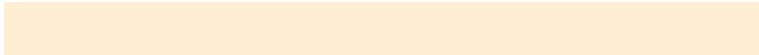
82.0091, 86.7852, 117.5550



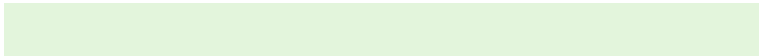
90.1883, 86.7852, 95.8715

Rectangle

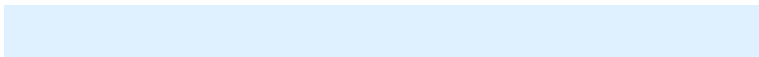
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9662, 86.7852, 74.6658



77.1869, 86.7852, 80.4463



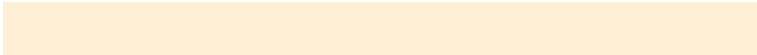
82.0091, 86.7852, 117.5550



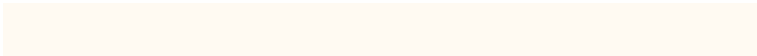
88.0237, 86.7852, 110.0894

Sweetspot

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



82.9685, 86.7891, 74.6676



91.5950, 96.2667, 97.9552



77.9222, 73.5187, 82.7818



19.5041, 20.4949, 20.6495



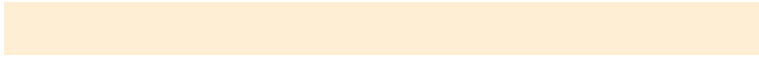
0.0000, 0.0000, 0.0000



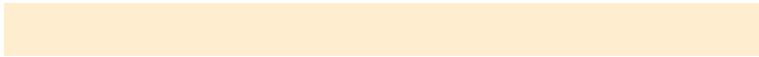
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9685, 86.7891, 74.6676



82.8130, 86.4739, 71.0699



85.5559, 94.8760, 76.0922



18.9699, 19.9081, 18.9872



28.4232, 24.8577, 3.2999



2.8717, 2.6287, 0.3560

Inverse Universe

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



72.3497, 76.0254, 103.7902



70.3847, 73.8770, 105.1578



70.0284, 69.0034, 102.5572



17.5469, 18.4655, 22.8893



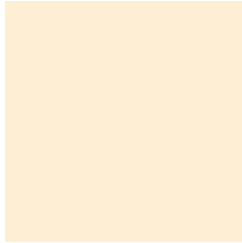
11.6183, 8.1461, 50.3946



1.2310, 0.9927, 4.9400

Previews

White Background



This preview shows how the XYZ color 82.9662, 86.7852, 74.6658 looks on a white background.

Color Contrast Check

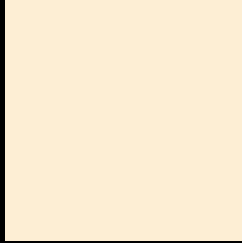
Large Text (above 18pt) WCAG AA × Fail

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 82.9662, 86.7852, 74.6658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

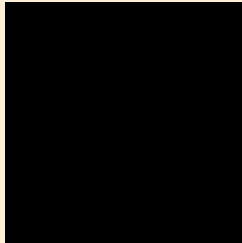
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

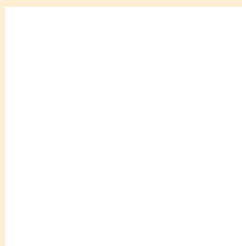
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9662, 86.7852, 74.6658

Background



This preview shows how black text looks on a background with the XYZ color 82.9662, 86.7852, 74.6658.



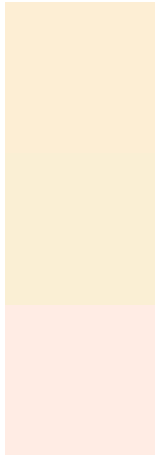
This preview shows how white text looks on a background with the XYZ color 82.9662, 86.7852, 74.6658.

74.6658.

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

82.9662, 86.7852, 74.6658

Protanopia

82.1745, 86.8105, 74.7124

Deuteranopia

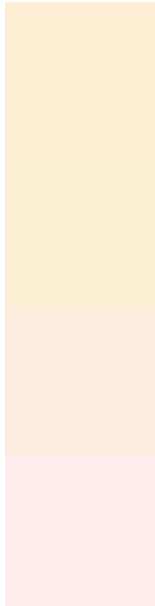
85.2390, 86.8523, 85.6704



Tritanopia

87.7617, 86.9452, 101.7791

Trichromacy



Original Color

82.9662, 86.7852, 74.6658

Protanomaly

82.5338, 86.9957, 74.7292

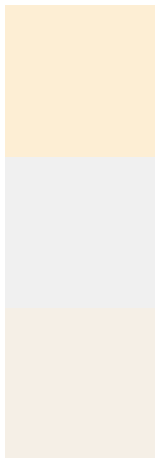
Deuteranomaly

84.3421, 86.9131, 81.4378

Tritanomaly

85.7217, 86.5436, 91.5435

Monochromacy



Original Color

82.9662, 86.7852, 74.6658

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8056, 86.8587, 87.2640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9662, 86.7852, 74.6658 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(253, 238, 212)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 212)  
}
```

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(253, 238, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 212) }
```

Border

The CSS property to change the border of an element to XYZ 82.9662, 86.7852, 74.6658 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(253, 238, 212) }
```


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

```
.border{ border-color:rgb(253, 238, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 238, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 212);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9662, 86.7852, 74.6658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 212) }
```

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

```
.background{ background-color: rgb(253,  
238, 212) }
```

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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