

Converting Colors

XYZ(82.6420, 90.3423, 72.5825)

Have a look what the booklet for
XYZ(82.6420, 90.3423, 72.5825)
contains.

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Color

**XYZ(82.6987, 90.2398,
72.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F6D0
RGB	247, 246, 208
RGB Percent	97%, 96%, 82%
CMY	0.0314, 0.0353, 0.1843
CMYK	0.00, 0.00, 0.16, 0.03
HSL	58°, 71%, 89%
HSV	58°, 16%, 97%
XYZ	82.6987, 90.2398, 72.7338
YIQ	241.9670, 12.7940, -11.6060

Conversions

Conversions Part 2

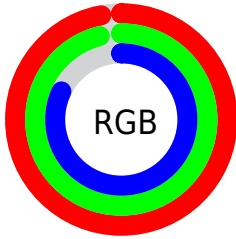
Format	Color
R _Y B	209, 247, 208
Decimal	16250576
CIE Lab	96.10, -5.84, 18.44
CIE LCh	96, 19.339, 107.570
Yxy	90.2398, 0.3366, 0.3673
Android (android.graphics.Color)	4294440656 (0xFFF7F6D0)
YUV	241.9670, -16.7457, 4.4139
Hunter-Lab	94.9946, -10.8453, 21.1001

Details

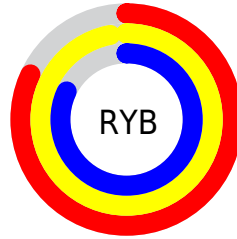
The XYZ color **82.6987, 90.2398, 72.7338** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.6012, 65.7248, 97.2249**, and the grayscale version is **84.4953, 88.8957, 96.8074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4814, 50.1072, 37.8464** is the 20% darker color. If you saturate the color by 10%, you get **79.7031, 88.7386, 57.8921**, and if you desaturate by 10%, it is **86.1731, 91.9396, 90.0721**.

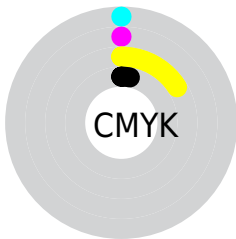
Distribution



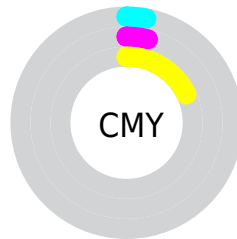
- Red (97%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)





- Cyan (3%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6987, 90.2398, 72.7338 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 82.6987, 90.2398, 72.7338 by changing the saturation by 10% instead.


 82.6987, 90.2398,
72.7338

 82.6987, 90.2398,
72.7338


492.5810,
528.8106, 489.1377

 62.2577, 68.1795,
53.2678


136.0841,
147.6714, 124.8166

 45.4973, 50.0438,
37.6274


169.7592,
183.8116, 158.2706

 32.0523, 35.4482,
25.3941

208.5764,
225.4139, 197.2243

 21.5572, 24.0083,
16.1492

252.9010,
272.8627, 242.0962

 13.6467, 15.3398,
9.4743

303.0984,
326.5423, 293.3050

 7.9554, 9.0582,
4.9508

359.5340,

 4.1180, 4.7792,

386.8373, 351.2692

2.1602

422.5730,
454.1319, 416.4072

■ 1.7691, 2.1183,
0.6513

■ 0.4989, 0.6749,
0.0000

■ 82.6987, 90.2398,
72.7338

■ 82.6987, 90.2398,
72.7338

■ 79.7031, 88.7386,
57.8921

■ 86.1731, 91.9396,
90.0721

■ 77.1573, 87.4152,
45.4262

■ 89.7502, 93.6786,
107.9592


■ 75.0400, 86.2644,
35.2140


■ 89.9434, 94.0651,
108.0236


■ 73.3257, 85.2757,
27.1202


■ 90.1373, 94.4528,
108.0882


 71.9858, 84.4379,
20.9950


 90.3318, 94.8419,
108.1531


 70.9882, 83.7380,
16.6691


 90.5270, 95.2322,
108.2181


 70.2953, 83.1610,
13.9447

 90.7228, 95.6239,
108.2834

 69.8607, 82.6883,
12.5771

 90.9193, 96.0169,
108.3489

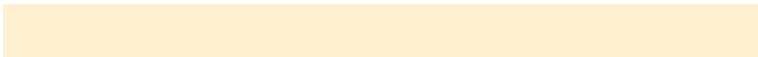
 69.7252, 82.5087,
12.2509

 91.1165, 96.4112,
108.4146

Harmonies

Analogous

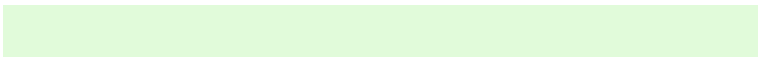
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0061, 90.2398, 72.1750



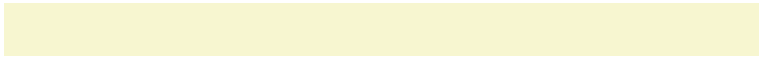
82.6987, 90.2398, 72.7338



78.3910, 90.2398, 79.6691

Triad

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



82.6987, 90.2398, 72.7338



79.0077, 90.2398, 121.6737



96.2259, 90.2398, 104.7422

Complementary

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



82.6987, 90.2398, 72.7338



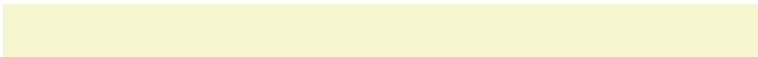
65.6012, 65.7248, 97.2249

Split Complementary

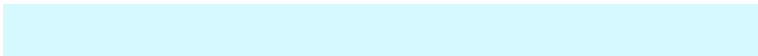
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5986, 90.2398, 119.5295



82.6987, 90.2398, 72.7338



83.5725, 90.2398, 129.9658

Square

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



82.6987, 90.2398, 72.7338



76.3217, 90.2398, 107.4312



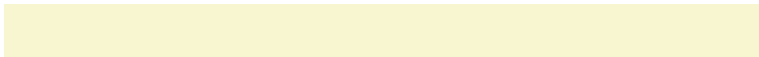
88.9169, 90.2398, 129.1426



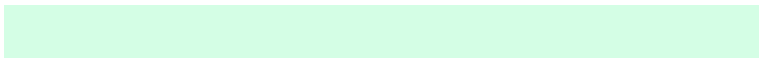
95.9680, 90.2398, 89.6183

Rectangle

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



82.6987, 90.2398, 72.7338



76.5984, 90.2398, 87.4261



88.9169, 90.2398, 129.1426



95.6465, 90.2398, 109.9449

Sweetspot

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



82.7011, 90.2438, 72.7357



92.9610, 98.9986, 98.4105



72.4604, 69.5054, 70.1146



19.8369, 21.1606, 20.7605



0.0000, 0.0000, 0.0000



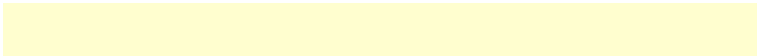
20.3446, 21.4041, 23.3091

Same Dimension

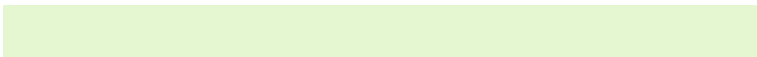
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7011, 90.2438, 72.7357



87.8147, 96.4773, 72.7371



76.8961, 87.7015, 72.5510



17.8763, 19.2368, 17.5685



36.8921, 43.6698, 6.4847



3.2537, 3.8607, 0.5737

Inverse Universe

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



65.6012, 65.7248, 97.2249



66.1602, 65.4279, 103.7496



70.7722, 68.0295, 97.3972



15.6150, 15.9944, 20.8068



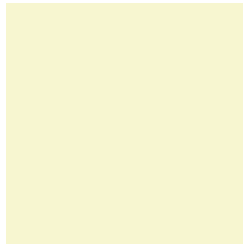
8.9304, 3.6546, 46.7727



0.7966, 0.3446, 4.1148

Previews

White Background



This preview shows how the XYZ color 82.6987, 90.2398, 72.7338 looks on a white background.

Color Contrast Check

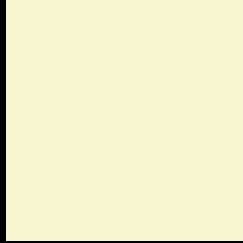
Large Text (above 18pt) WCAG AA × Fail

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 82.6987, 90.2398, 72.7338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

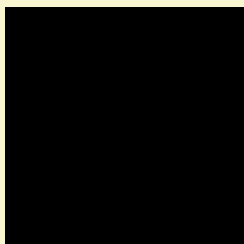
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

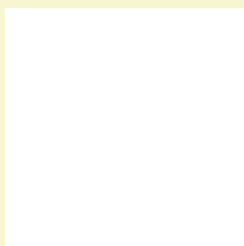
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6987, 90.2398, 72.7338

Background



This preview shows how black text looks on a background with the XYZ color 82.6987, 90.2398, 72.7338.



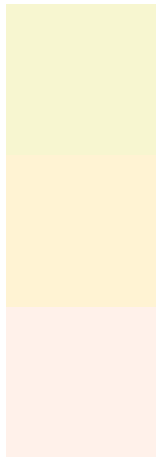
This preview shows how white text looks on a background with the XYZ color 82.6987, 90.2398,

72.7338.

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

82.6987, 90.2398, 72.7338

Protanopia

85.0485, 90.0643, 74.5296

Deuteranopia

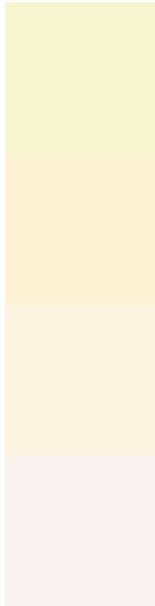
87.5466, 90.1111, 90.6209



Tritanopia

89.3550, 90.2356, 107.3154

Trichromacy



Original Color

82.6987, 90.2398, 72.7338

Protanomaly

84.1284, 90.0500, 73.9201

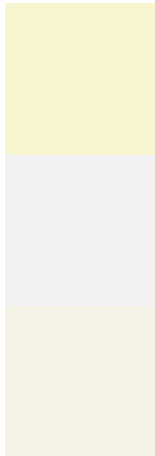
Deuteranomaly

85.7861, 90.2329, 84.1294

Tritanomaly

86.6091, 90.0013, 93.6961

Monochromacy



Original Color

82.6987, 90.2398, 72.7338

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.6417, 89.0475, 87.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6987, 90.2398, 72.7338 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, 246, 208) looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 208)  
}
```

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, 246, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 208) }
```

Border

The CSS property to change the border of an element to XYZ 82.6987, 90.2398, 72.7338 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, 246, 208) }
```


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

```
.border{ border-color:rgb(247, 246, 208) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 208);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6987, 90.2398, 72.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 208) }
```

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

```
.background{ background-color: rgb(247,  
246, 208) }
```

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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