

Converting Colors

XYZ(81.1174, 87.1220, 75.4820)

Have a look what the booklet for
XYZ(81.1174, 87.1220, 75.4820)
contains.

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Color

**XYZ(81.1217, 87.1272,
75.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1D5
RGB	245, 241, 213
RGB Percent	96%, 95%, 84%
CMY	0.0392, 0.0549, 0.1647
CMYK	0.00, 0.02, 0.13, 0.04
HSL	53°, 62%, 90%
HSV	53°, 13%, 96%
XYZ	81.1217, 87.1272, 75.4924
YIQ	239.0040, 11.3720, -7.8600

Conversions

Conversions Part 2

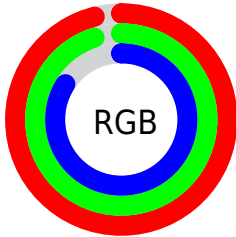
Format	Color
R _Y B	218, 245, 213
Decimal	16118229
CIE Lab	94.79, -3.27, 14.01
CIE LCh	95, 14.383, 103.146
Yxy	87.1272, 0.3328, 0.3575
Android (android.graphics.Color)	4294308309 (0xFFFF5F1D5)
YUV	239.0040, -12.8200, 5.2585
Hunter-Lab	93.3420, -8.2175, 17.3872

Details

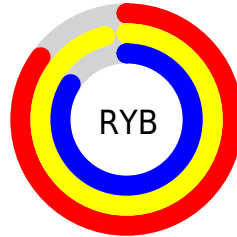
The XYZ color **81.1217, 87.1272, 75.4924** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.7346, 70.3629, 96.3455**, and the grayscale version is **82.1397, 86.4173, 94.1085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5068, 47.9854, 39.2641** is the 20% darker color. If you saturate the color by 10%, you get **77.3471, 84.1837, 60.0335**, and if you desaturate by 10%, it is **85.3861, 90.2967, 93.4344**.

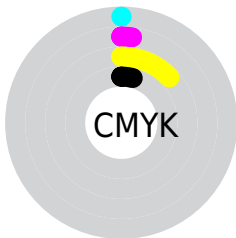
Distribution



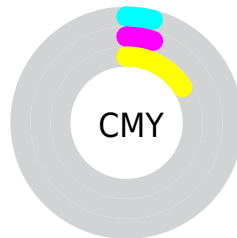
- Red (96%)
- Green (95%)
- Blue (84%)



- Red (85%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1217, 87.1272, 75.4924 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 81.1217, 87.1272, 75.4924 by changing the saturation by 10% instead.

81.1217, 87.1272,
75.4924

81.1217, 87.1272,
75.4924

487.3842,
518.6408, 498.9088

60.9535, 65.6005,
55.5122

133.8839,
143.3414, 128.7626

44.4400, 47.9481,
39.4106

167.2086,
178.7977, 162.8898

31.2160, 33.7858,
26.7690

205.6495,
219.6660, 202.5696

20.9160, 22.7291,
17.1689

249.5719,
266.3306, 248.2208

13.1747, 14.3936,
10.1918

299.3412,
319.1760, 300.2617

7.6268, 8.3949,
5.4190

355.3228,

3.9069, 4.3487,

378.5866, 359.1110

2.4322

417.8820,
444.9467, 425.1872

■ 1.6496, 1.8705,
0.8039

■ 0.4244, 0.5305,
0.0000

■ 81.1217, 87.1272,
75.4924

■ 81.1217, 87.1272,
75.4924

■ 77.3471, 84.1837,
60.0335

■ 85.3861, 90.2967,
93.4344

■ 74.0340, 81.4462,
46.9414

■ 89.0049, 93.2295,
107.9118

■ 71.1624, 78.9093,
36.0990

■ 89.9486, 95.1168,
108.2263

■ 68.7073, 76.5630,
27.3770

■ 90.9076, 97.0349,
108.5460

■ 66.6419, 74.3964,
20.6327

■ 91.4665, 98.1526,
108.7323

■ 64.9355, 72.3972,
15.7060

■ 63.5529, 70.5511,
12.4121

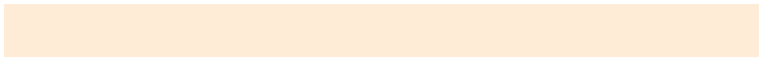
■ 62.4516, 68.8410,
10.5264

■ 61.8084, 67.7164,
9.8129

Harmonies

Analogous

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



85.0001, 87.1272, 75.8010



81.1217, 87.1272, 75.4924



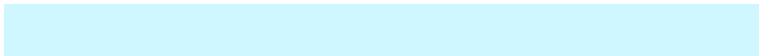
77.7997, 87.1272, 80.0754

Triad

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



81.1217, 87.1272, 75.4924



77.4718, 87.1272, 110.2883



90.1810, 87.1272, 101.2161

Complementary

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



81.1217, 87.1272, 75.4924



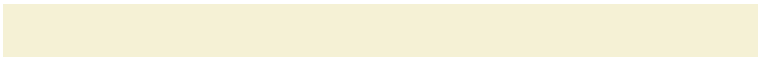
68.7346, 70.3629, 96.3455

Split Complementary

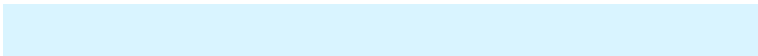
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.0347, 87.1272, 111.3758



81.1217, 87.1272, 75.4924



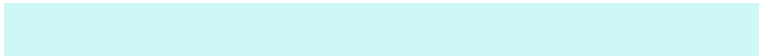
80.6614, 87.1272, 116.8880

Square

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



81.1217, 87.1272, 75.4924



75.7373, 87.1272, 99.8242



84.5252, 87.1272, 117.3009



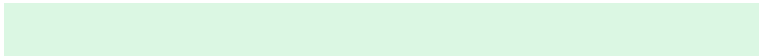
90.3137, 87.1272, 90.0761

Rectangle

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



81.1217, 87.1272, 75.4924



76.3142, 87.1272, 85.5126



84.5252, 87.1272, 117.3009



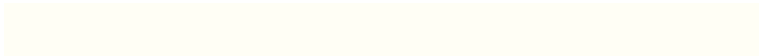
89.6681, 87.1272, 104.8792

Sweetspot

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



81.1240, 87.1310, 75.4943



93.0460, 98.5506, 100.3443



74.0105, 72.0258, 75.8304



19.8371, 21.0365, 21.1443



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.



81.1240, 87.1310, 75.4943



87.5598, 94.4385, 77.3659



78.3549, 87.4782, 75.7072



17.7278, 18.9398, 17.5190



33.3677, 36.6209, 5.3099



2.9812, 3.3156, 0.4828

Inverse Universe

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



68.7346, 70.3629, 96.3455



71.2481, 72.3625, 104.8199



71.2450, 70.1470, 96.1715



15.7478, 16.2600, 20.8511



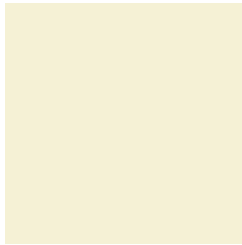
9.1900, 4.1739, 46.8593



0.8598, 0.4711, 4.1358

Previews

White Background



This preview shows how the XYZ color 81.1217, 87.1272, 75.4924 looks on a white background.

Color Contrast Check

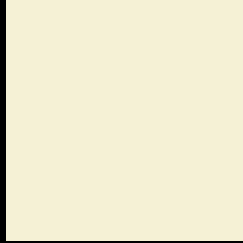
Large Text (above 18pt) WCAG AA × Fail

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 81.1217, 87.1272, 75.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

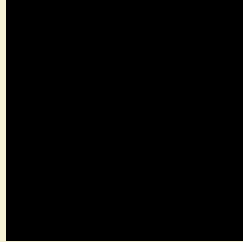
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

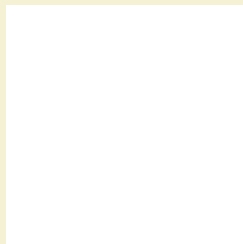
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1217, 87.1272, 75.4924

Background



This preview shows how black text looks on a background with the XYZ color 81.1217, 87.1272, 75.4924.



This preview shows how white text looks on a background with the XYZ color 81.1217, 87.1272,

75.4924.

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

81.1217, 87.1272, 75.4924

Protanopia

82.5338, 86.9957, 74.7292

Deuteranopia

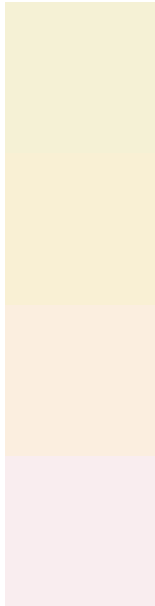
85.3783, 86.9080, 86.4038



Tritanopia

87.3814, 87.0816, 105.9689

Trichromacy



Original Color

81.1217, 87.1272, 75.4924

Protanomaly

82.1107, 87.2134, 74.7935

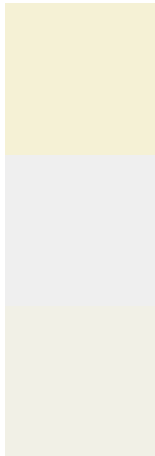
Deuteranomaly

83.6775, 86.9860, 82.1917

Tritanomaly

84.9311, 86.9401, 93.9661

Monochromacy



Original Color

81.1217, 87.1272, 75.4924

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7186, 86.7341, 87.2972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1217, 87.1272, 75.4924 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(245, 241, 213) looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 213)  
}
```

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(245, 241, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 213) }
```

Border

The CSS property to change the border of an element to XYZ 81.1217, 87.1272, 75.4924 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(245, 241, 213) }
```


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

```
.border{ border-color:rgb(245, 241, 213) }
```

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

Here you see how a box with a 4 pixel rgb(245, 241, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1217, 87.1272, 75.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 213) }
```

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

```
.background{ background-color: rgb(245,  
241, 213) }
```

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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