

Converting Colors

XYZ(81.1306, 87.3976, 77.2004)

Have a look what the booklet for
XYZ(81.1306, 87.3976, 77.2004)
contains.

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Color

**XYZ(81.3261, 87.6437,
76.9206)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F2D7
RGB	244, 242, 215
RGB Percent	96%, 95%, 84%
CMY	0.0431, 0.0510, 0.1569
CMYK	0.00, 0.01, 0.12, 0.04
HSL	56°, 57%, 90%
HSV	56°, 12%, 96%
XYZ	81.3261, 87.6437, 76.9206
YIQ	239.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

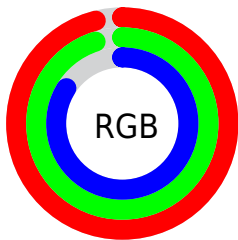
Format	Color
RYB	217, 244, 215
Decimal	16052951
CIELab	95.01, -3.81, 13.27
CIELCh	95, 13.810, 106.036
Yxy	87.6437, 0.3307, 0.3564
Android (android.graphics.Color)	4294243031 (0xFFFF4F2D7)
YUV	239.5200, -12.0884, 3.9290
Hunter-Lab	93.6182, -8.7690, 16.8176

Details

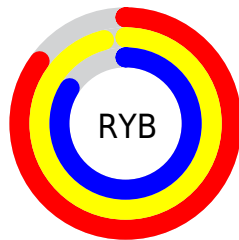
The XYZ color **81.3261, 87.6437, 76.9206** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.1662, 70.6031, 95.5710**, and the grayscale version is **82.5374, 86.8358, 94.5642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6431, 48.3472, 40.2367** is the 20% darker color. If you saturate the color by 10%, you get **77.9254, 85.4906, 61.4550**, and if you desaturate by 10%, it is **85.2038, 90.0007, 94.8542**.

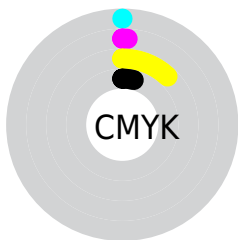
Distribution



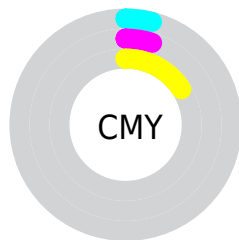
- Red (96%)
- Green (95%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (4%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3261, 87.6437, 76.9206 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 81.3261, 87.6437, 76.9206 by changing the saturation by 10% instead.


 81.3261, 87.6437,
76.9206

 81.3261, 87.6437,
76.9206


488.0595,
520.3357, 503.9237

 61.1224, 66.0280,
56.6765


134.1693,
144.0610, 130.7994

 44.5769, 48.2952,
40.3380


167.5396,
179.6314, 165.2712

 31.3241, 34.0607,
27.4864


206.0294,
220.6222, 205.3226

 20.9988, 22.9402,
17.7032

250.0041,
267.4178, 251.3723

 13.2356, 14.5494,
10.5699

299.8292,
320.4026, 303.8387

 7.6691, 8.5037,
5.6679

355.8698,

 3.9340, 4.4189,

379.9609, 363.1404

2.5787

418.4915,
446.4771, 429.6959

■ 1.6648, 1.9106,
0.8814

■ 0.4341, 0.5547,
0.0000

■ 81.3261, 87.6437,
76.9206

■ 81.3261, 87.6437,
76.9206

■ 77.9254, 85.4906,
61.4550

■ 85.2038, 90.0007,
94.8542

■ 74.9739, 83.5217,
48.3433

■ 88.1209, 91.9779,
107.7168

■ 72.4519, 81.7318,
37.4704

■ 88.6319, 93.0001,
107.8871

■ 70.3352, 80.1113,
28.7097

■ 89.1477, 94.0315,
108.0591

68.5974, 78.6497,
21.9217

89.6680, 95.0722,
108.2325

67.2089, 77.3350,
16.9504

90.1930, 96.1222,
108.4075

66.1354, 76.1535,
13.6162

90.7227, 97.1815,
108.5841

65.3359, 75.0888,
11.7026

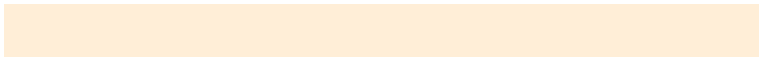
91.1185, 97.9733,
108.7160

64.8369, 74.2900,
10.9221

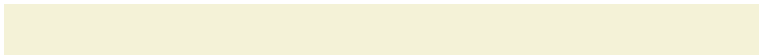
Harmonies

Analogous

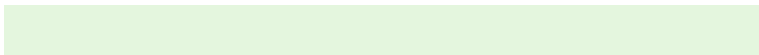
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0555, 87.6437, 76.7533



81.3261, 87.6437, 76.9206



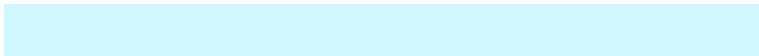
78.2182, 87.6437, 81.7949

Triad

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



81.3261, 87.6437, 76.9206



78.3951, 87.6437, 111.0831



90.5003, 87.6437, 100.5014

Complementary

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



81.3261, 87.6437, 76.9206



69.1662, 70.6031, 95.5710

Split Complementary

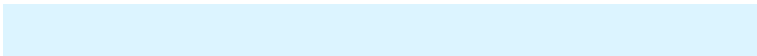
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6029, 87.6437, 110.4999



81.3261, 87.6437, 76.9206



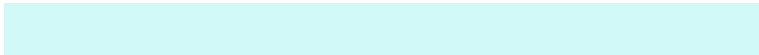
81.5742, 87.6437, 116.9123

Square

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



81.3261, 87.6437, 76.9206



76.5610, 87.6437, 101.2498



85.3111, 87.6437, 116.6912



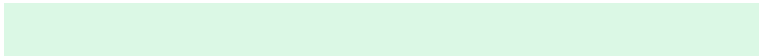
90.4290, 87.6437, 89.8358

Rectangle

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



81.3261, 87.6437, 76.9206



76.8839, 87.6437, 87.2823



85.3111, 87.6437, 116.6912



90.0692, 87.6437, 104.0677

Sweetspot

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



81.3285, 87.6475, 76.9225



93.2275, 98.9135, 100.4048



74.1884, 72.8667, 76.0859



19.8832, 21.1287, 21.1597



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.



81.3285, 87.6475, 76.9225



89.0473, 96.3535, 81.1299



77.8690, 86.7504, 76.9316



17.8114, 19.1069, 17.5468



35.2960, 40.4776, 5.9527



3.1310, 3.6151, 0.5328

Inverse Universe

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



69.1662, 70.6031, 95.5710



73.4102, 74.4395, 105.1069



72.3355, 71.4783, 95.5728



15.6727, 16.1097, 20.8260



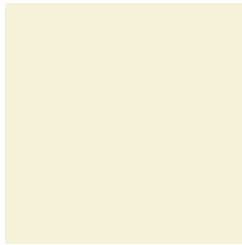
9.0203, 3.8344, 46.8027



0.8242, 0.3997, 4.1240

Previews

White Background



This preview shows how the XYZ color 81.3261, 87.6437, 76.9206 looks on a white background.

Color Contrast Check

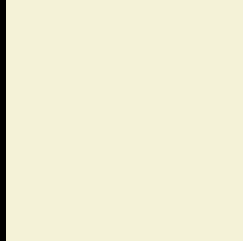
Large Text (above 18pt) WCAG AA × Fail

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 81.3261, 87.6437, 76.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

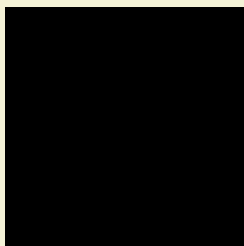
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

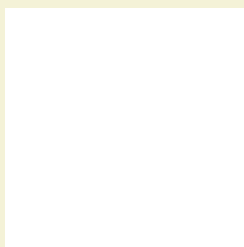
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3261, 87.6437, 76.9206

Background



This preview shows how black text looks on a background with the XYZ color 81.3261, 87.6437, 76.9206.



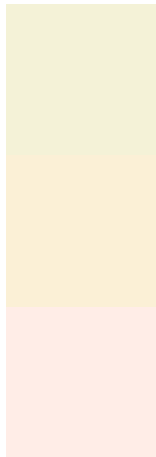
This preview shows how white text looks on a background with the XYZ color 81.3261, 87.6437,

76.9206.

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

81.3261, 87.6437, 76.9206

Protanopia

83.0813, 87.6844, 76.1643

Deuteranopia

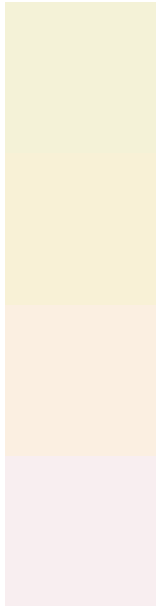
85.9480, 87.5979, 87.9794



Tritanopia

87.4698, 87.5349, 106.8935

Trichromacy



Original Color

81.3261, 87.6437, 76.9206

Protanomaly

82.3043, 87.7221, 76.2125

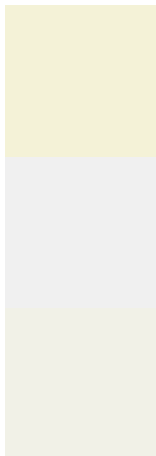
Deuteranomaly

84.2408, 87.6785, 83.7178

Tritanomaly

85.0141, 87.3968, 94.8266

Monochromacy



Original Color

81.3261, 87.6437, 76.9206

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1547, 87.3809, 88.1375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3261, 87.6437, 76.9206 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(244, 242, 215) looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 215)  
}
```

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(244, 242, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 215) }
```

Border

The CSS property to change the border of an element to XYZ 81.3261, 87.6437, 76.9206 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(244, 242, 215) }
```


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

```
.border{ border-color:rgb(244, 242, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 242, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 242, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 242,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3261, 87.6437, 76.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 215) }
```

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

```
.background{ background-color: rgb(244,  
242, 215) }
```

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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