

Converting Colors

XYZ(81.2444, 87.8141, 67.3114)

Have a look what the booklet for
XYZ(81.2444, 87.8141, 67.3114)
contains.

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Color

**XYZ(81.2444, 87.8141,
67.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F2C8
RGB	249, 242, 200
RGB Percent	98%, 95%, 78%
CMY	0.0235, 0.0510, 0.2157
CMYK	0.00, 0.03, 0.20, 0.02
HSL	51°, 80%, 88%
HSV	51°, 20%, 98%
XYZ	81.2444, 87.8141, 67.3114
YIQ	239.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

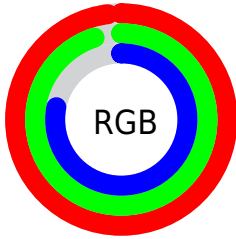
Format	Color
R_{YB}	208, 249, 200
Decimal	16380616
CIE _{Lab}	95.08, -4.28, 21.15
CIE _{LCh}	95, 21.576, 101.452
Yxy	87.8141, 0.3437, 0.3715
Android (android.graphics.Color)	4294570696 (0xFFFF9F2C8)
YUV	239.3050, -19.3774, 8.5025
Hunter-Lab	93.7092, -9.2343, 23.0084

Details

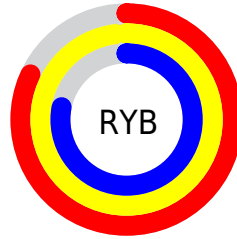
The XYZ color **81.2444, 87.8141, 67.3114** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.2310, 63.7433, 98.5942**, and the grayscale version is **82.4203, 86.7126, 94.4300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4854, 48.3996, 34.1916** is the 20% darker color. If you saturate the color by 10%, you get **77.5213, 84.6514, 52.8635**, and if you desaturate by 10%, it is **85.4667, 91.2153, 84.2659**.

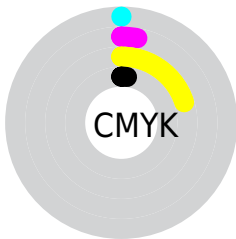
Distribution



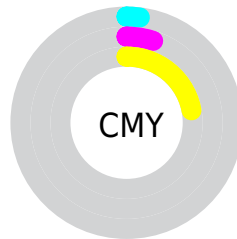
- Red (98%)
- Green (95%)
- Blue (78%)



- Red (82%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.2444, 87.8141, 67.3114 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 81.2444, 87.8141, 67.3114 by changing the saturation by 10% instead.


 81.2444, 87.8141,
67.3114

 81.2444, 87.8141,
67.3114


487.7896,
520.8943, 469.5840

 61.0549, 66.1691,
48.8746


134.0552,
144.2983, 117.0114

 44.5222, 48.4097,
34.1551


167.4073,
179.9063, 149.1116

 31.2809, 34.1515,
22.7344


205.8775,
220.9375, 186.6033

 20.9657, 23.0100,
14.1941

249.8314,
267.7762, 229.9052

 13.2113, 14.6009,
8.1155

299.6342,
320.8068, 279.4356

 7.6522, 8.5398,
4.0801

355.6512,

 3.9231, 4.4422,

380.4138, 335.6132

1.6694

418.2479,
446.9815, 398.8565

■ 1.6587, 1.9239,
0.3396

■ 0.4302, 0.5627,
0.0000

■ 81.2444, 87.8141,
67.3114

■ 81.2444, 87.8141,
67.3114

■ 77.5213, 84.6514,
52.8635

■ 85.4667, 91.2153,
84.2659

■ 74.2674, 81.7061,
40.7960

■ 90.2028, 94.8522,
103.8341

■ 71.4601, 78.9721,
30.9801

■ 92.1383, 97.4020,
108.5520

■ 69.0721, 76.4380,
23.2723

■ 92.8772, 98.8799,
108.7983

■ 67.0729, 74.0917,
17.5130

■ 65.4278, 71.9190,
13.5194

■ 64.0953, 69.9030,
11.0743

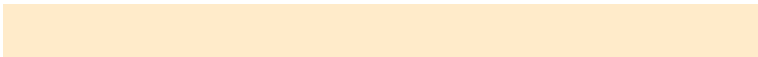
■ 63.0095, 68.0174,
9.8307

■ 62.9762, 67.9579,
9.7980

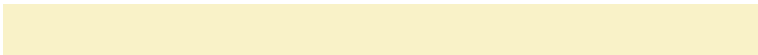
Harmonies

Analogous

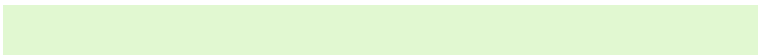
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1056, 87.8141, 68.1340



81.2444, 87.8141, 67.3114



76.2158, 87.8141, 73.3818

Triad

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



81.2444, 87.8141, 67.3114



75.2900, 87.8141, 118.6417



94.6255, 87.8141, 106.2668

Complementary

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



81.2444, 87.8141, 67.3114



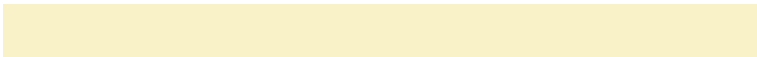
63.2310, 63.7433, 98.5942

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.



91.1592, 87.8141, 121.9376



81.2444, 87.8141, 67.3114



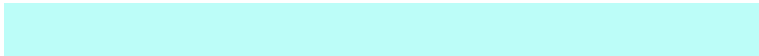
79.9266, 87.8141, 129.6395

Square

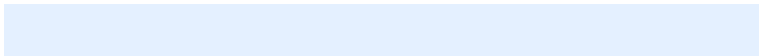
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2444, 87.8141, 67.3114



72.8871, 87.8141, 102.1751



85.7250, 87.8141, 130.9118



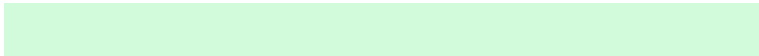
95.0190, 87.8141, 89.3412

Rectangle

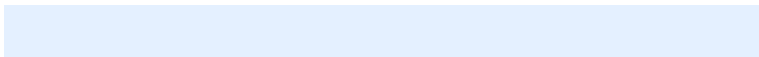
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2444, 87.8141, 67.3114



73.9403, 87.8141, 80.9880



85.7250, 87.8141, 130.9118



93.7737, 87.8141, 111.9041

Sweetspot

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



81.2467, 87.8180, 67.3133



91.9908, 97.6678, 96.2079



71.0275, 65.9716, 68.2475



19.6211, 20.8518, 20.3099



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

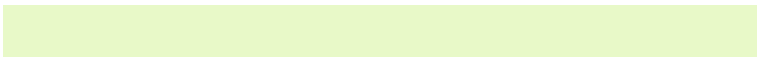
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2467, 87.8180, 67.3133



83.9912, 91.2181, 64.1013



77.5319, 89.0530, 67.7474



18.5038, 19.7434, 18.2980



33.7905, 36.5377, 5.2715



3.1856, 3.4960, 0.5069

Inverse Universe

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



63.2310, 63.7433, 98.5942



61.4934, 61.1561, 103.1710



66.4141, 62.9241, 98.2683



16.4829, 17.0426, 21.8061



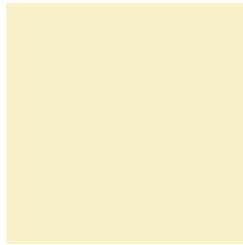
9.5433, 4.4421, 48.3280



0.9425, 0.5287, 4.4956

Previews

White Background



This preview shows how the XYZ color 81.2444, 87.8141, 67.3114 looks on a white background.

Color Contrast Check

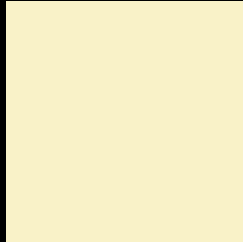
Large Text (above 18pt) WCAG AA × Fail

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 81.2444, 87.8141, 67.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

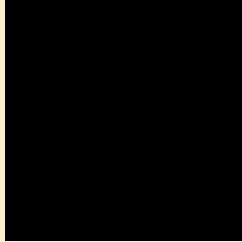
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

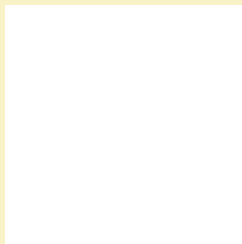
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2444, 87.8141, 67.3114

Background



This preview shows how black text looks on a background with the XYZ color 81.2444, 87.8141, 67.3114.



This preview shows how white text looks on a background with the XYZ color 81.2444, 87.8141,

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

81.2444, 87.8141, 67.3114

Protanopia

82.3419, 87.5145, 66.5849

Deuteranopia

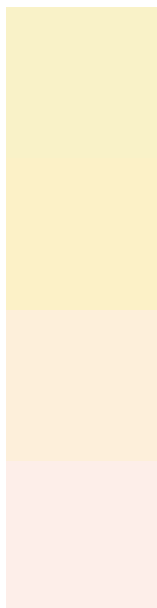
85.8181, 88.0105, 85.8634



Tritanopia

88.5190, 87.7049, 104.3588

Trichromacy



Original Color

81.2444, 87.8141, 67.3114

Protanomaly

81.9090, 87.7296, 66.6493

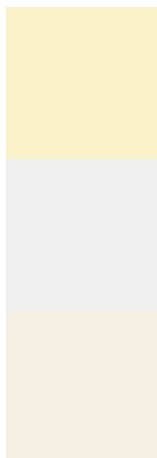
Deuteranomaly

84.0294, 87.6776, 78.8243

Tritanomaly

85.7905, 87.9149, 89.5384

Monochromacy



Original Color

81.2444, 87.8141, 67.3114

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7128, 86.8111, 83.6837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2444, 87.8141, 67.3114 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(249, 242, 200)` looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 200)  
}
```

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(249, 242, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 200) }
```

Border

The CSS property to change the border of an element to XYZ 81.2444, 87.8141, 67.3114 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(249, 242, 200) }
```


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

```
.border{ border-color:rgb(249, 242, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 242, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 200);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2444, 87.8141, 67.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 200) }
```

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

```
.background{ background-color: rgb(249,  
242, 200) }
```

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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