

Converting Colors

XYZ(82.3868, 88.4461, 74.2595)

Have a look what the booklet for
XYZ(82.3868, 88.4461, 74.2595)
contains.

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Color

**XYZ(82.2214, 88.1639,
74.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F2D3
RGB	248, 242, 211
RGB Percent	97%, 95%, 83%
CMY	0.0274, 0.0510, 0.1725
CMYK	0.00, 0.02, 0.15, 0.03
HSL	50°, 73%, 90%
HSV	50°, 15%, 97%
XYZ	82.2214, 88.1639, 74.3118
YIQ	240.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

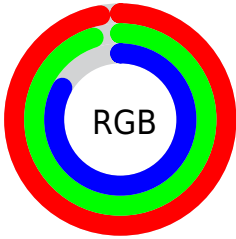
Format	Color
R _Y B	218, 248, 211
Decimal	16315091
CIE Lab	95.23, -3.02, 15.69
CIE LCh	95, 15.977, 100.911
Yxy	88.1639, 0.3360, 0.3603
Android (android.graphics.Color)	4294505171 (0xFFFF8F2D3)
YUV	240.2600, -14.4252, 6.7880
Hunter-Lab	93.8956, -8.0106, 18.8031

Details

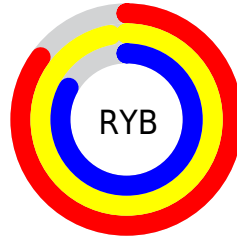
The XYZ color **82.2214, 88.1639, 74.3118** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.6199, 70.2504, 98.7506**, and the grayscale version is **83.1322, 87.4615, 95.2456**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0455, 48.5945, 38.4580** is the 20% darker color. If you saturate the color by 10%, you get **78.1671, 84.6525, 58.7866**, and if you desaturate by 10%, it is **86.7864, 91.9276, 92.3758**.

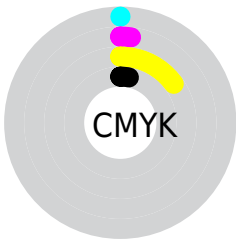
Distribution



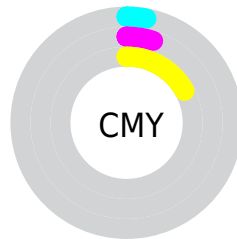
- Red (97%)
- Green (95%)
- Blue (83%)



- Red (85%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2214, 88.1639, 74.3118 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 82.2214, 88.1639, 74.3118 by changing the saturation by 10% instead.


 82.2214, 88.1639,
74.3118

 82.2214, 88.1639,
74.3118

491.0112,
522.0398, 494.7410

 61.8628, 66.4588,
54.5509


135.4186,
144.7853, 127.0758

 45.1770, 48.6450,
38.6461


168.9880,
180.4704, 160.9161

 31.7987, 34.3379,
26.1788


207.6916,
221.5844, 200.2865

 21.3626, 23.1533,
16.7305

251.8948,
268.5115, 245.6058

 13.5033, 14.7068,
9.8826

301.9630,
321.6362, 297.2923

 7.8554, 8.6138,
5.2166

358.2616,

 4.0536, 4.4902,

381.3429, 355.7646

2.3140

421.1559,
448.0160, 421.4413

■ 1.7325, 1.9514,
0.7390

■ 0.4765, 0.5790,
0.0000

■ 82.2214, 88.1639,
74.3118

■ 82.2214, 88.1639,
74.3118

■ 78.1671, 84.6525,
58.7866

■ 86.7864, 91.9276,
92.3758

■ 74.5945, 81.3725,
45.6792

■ 90.9605, 95.5742,
108.2613

■ 71.4819, 78.3181,
34.8668

■ 92.2227, 98.0987,
108.6820

■ 68.8036, 75.4787,
26.2139

■ 92.5217, 98.6966,
108.7817

■ 66.5309, 72.8424,
19.5706

■ 64.6315, 70.3962,
14.7678

■ 63.0680, 68.1248,
11.6088

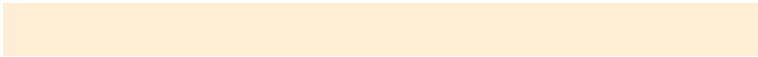
■ 61.7941, 66.0093,
9.8516

■ 61.2236, 64.9804,
9.3156

Harmonies

Analogous

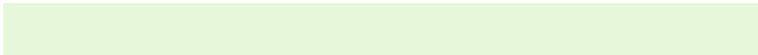
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5668, 88.1639, 75.0609



82.2214, 88.1639, 74.3118



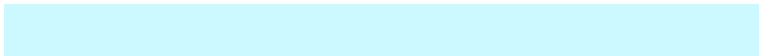
78.4298, 88.1639, 78.9817

Triad

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



82.2214, 88.1639, 74.3118



77.6243, 88.1639, 112.5804



91.9657, 88.1639, 104.0574

Complementary

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



82.2214, 88.1639, 74.3118



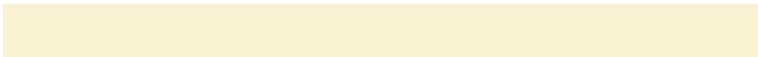
68.6199, 70.2504, 98.7506

Split Complementary

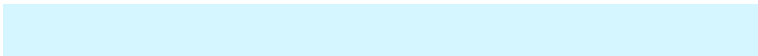
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4040, 88.1639, 115.2924



82.2214, 88.1639, 74.3118



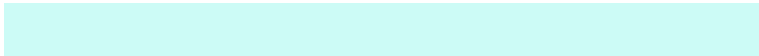
81.0872, 88.1639, 120.5001

Square

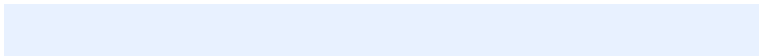
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2214, 88.1639, 74.3118



75.8375, 88.1639, 100.6089



85.3929, 88.1639, 121.5335



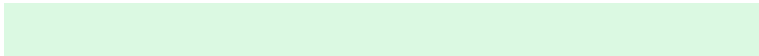
92.2951, 88.1639, 91.5253

Rectangle

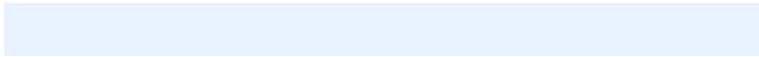
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2214, 88.1639, 74.3118



76.6876, 88.1639, 84.7975



85.3929, 88.1639, 121.5335



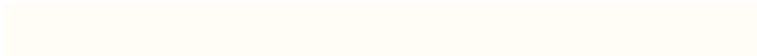
91.3331, 88.1639, 108.1384

Sweetspot

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



82.2238, 88.1678, 74.3137



92.9260, 98.3105, 100.3043



74.5527, 71.5646, 75.6445



19.8066, 20.9755, 21.1341



0.0000, 0.0000, 0.0000



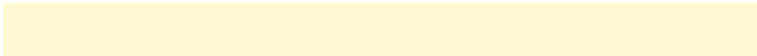
20.3446, 21.4041, 23.3091

Same Dimension

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



82.2238, 88.1678, 74.3137



86.1943, 92.7349, 73.7432



79.8076, 89.6146, 74.7203



18.4739, 19.6837, 18.2880



33.1604, 35.2774, 5.0615



3.1331, 3.3910, 0.4894

Inverse Universe

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



68.6199, 70.2504, 98.7506



69.0664, 70.1771, 104.5131



70.7728, 69.1080, 98.4166



16.5102, 17.0971, 21.8152



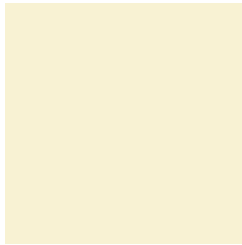
9.6317, 4.6189, 48.3575



0.9553, 0.5543, 4.4998

Previews

White Background



This preview shows how the XYZ color 82.2214, 88.1639, 74.3118 looks on a white background.

Color Contrast Check

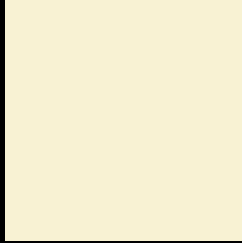
Large Text (above 18pt) WCAG AA × Fail

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 82.2214, 88.1639, 74.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

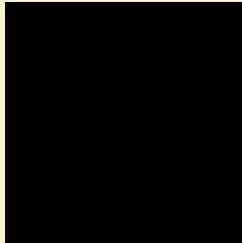
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

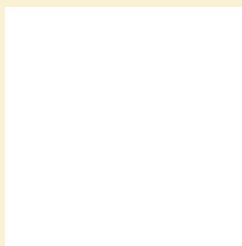
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2214, 88.1639, 74.3118

Background



This preview shows how black text looks on a background with the XYZ color 82.2214, 88.1639, 74.3118.

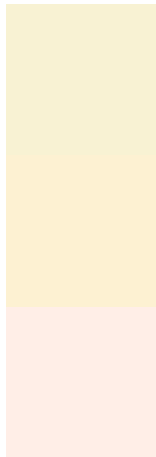


This preview shows how white text looks on a background with the XYZ color 82.2214, 88.1639,

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

82.2214, 88.1639, 74.3118

Protanopia

83.5962, 88.4464, 73.6386

Deuteranopia

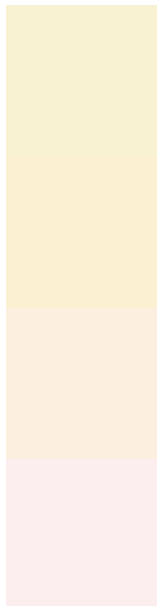
86.2383, 88.1786, 88.0762



Tritanopia

88.7579, 88.2175, 106.1156

Trichromacy



Original Color

82.2214, 88.1639, 74.3118

Protanomaly

82.8718, 88.0730, 73.6047

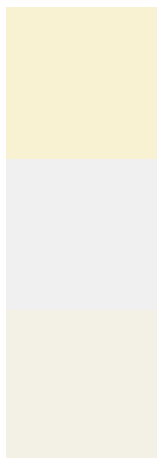
Deuteranomaly

84.4659, 87.8103, 83.0183

Tritanomaly

86.1520, 88.0176, 93.3373

Monochromacy



Original Color

82.2214, 88.1639, 74.3118

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5603, 87.6224, 86.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2214, 88.1639, 74.3118 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(248, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 211)  
}
```

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(248, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 211) }
```

Border

The CSS property to change the border of an element to XYZ 82.2214, 88.1639, 74.3118 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(248, 242, 211) }
```


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

```
.border{ border-color:rgb(248, 242, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 242, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2214, 88.1639, 74.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 211) }
```

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

```
.background{ background-color: rgb(248,  
242, 211) }
```

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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