

Converting Colors

XYZ(83.1621, 94.6556, 72.9198)

Have a look what the booklet for
XYZ(83.1621, 94.6556, 72.9198)
contains.

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Color

**XYZ(83.2981, 94.7258,
72.9251)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFCF
RGB	241, 255, 207
RGB Percent	95%, 100%, 81%
CMY	0.0549, 0.0000, 0.1882
CMYK	0.05, 0.00, 0.19, 0.00
HSL	77°, 100%, 91%
HSV	77°, 19%, 100%
XYZ	83.2981, 94.7258, 72.9251
YIQ	245.3420, 7.0640, -17.8960

Conversions

Conversions Part 2

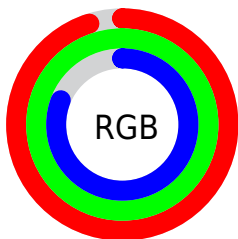
Format	Color
RYB	207, 255, 221
Decimal	15859663
CIELab	97.92, -12.56, 21.43
CIELCh	98, 24.846, 120.379
Yxy	94.7258, 0.3319, 0.3775
Android (android.graphics.Color)	4294049743 (0xFFFF1FFCF)
YUV	245.3420, -18.9026, -3.8079
Hunter-Lab	97.3272, -17.5522, 23.7043

Details

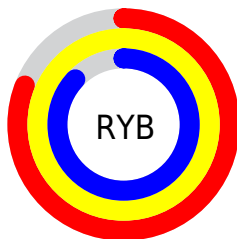
The XYZ color **83.2981, 94.7258, 72.9251** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.1825, 67.2190, 103.8833**, and the grayscale version is **87.2091, 91.7508, 99.9166**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9514, 53.0024, 37.9456** is the 20% darker color. If you saturate the color by 10%, you get **77.9406, 92.2955, 57.6936**, and if you desaturate by 10%, it is **89.2639, 97.4114, 90.8160**.

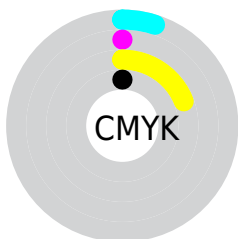
Distribution



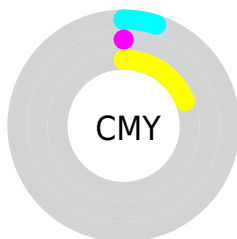
- Red (95%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2981, 94.7258, 72.9251 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 83.2981, 94.7258, 72.9251 by changing the saturation by 10% instead.


 83.2981, 94.7258,
72.9251

 83.2981, 94.7258,
72.9251

494.5484,
543.2868, 489.8190

 62.7538, 71.9068,
53.4233


136.9193,
153.8857, 125.0908

 45.9000, 53.0825,
37.7507


170.7269,
190.9954, 158.5918

 32.3712, 37.8687,
25.4890


209.6863,
233.6375, 197.5962

 21.8021, 25.8808,
16.2194

254.1629,
282.1963, 242.5226

 13.8274, 16.7345,
9.5235

304.5221,
337.0562, 293.7895

 8.0816, 10.0454,
4.9827

361.1292,

 4.1994, 5.4290,

398.6017, 351.8156

2.1786

424.3495,
467.2171, 417.0192

■ 1.8156, 2.5011,
0.6620

■ 0.5270, 0.8772,
0.0000

■ 83.2981, 94.7258,
72.9251

■ 83.2981, 94.7258,
72.9251

■ 77.9406, 92.2955,
57.6936

■ 89.2639, 97.4114,
90.8160

■ 73.1645, 90.1095,
44.9901

95.0500, 100.0000,
108.9000

■ 68.9428, 88.1570,
34.6786

■ 65.2459, 86.4260,
26.6082

■ 62.0404, 84.9029,
20.6113

■ 59.2888, 83.5726,
16.4966

■ 56.9467, 82.4173,
14.0371

■ 54.9503, 81.4111,
12.9039

■ 54.7284, 81.2986,
12.8077

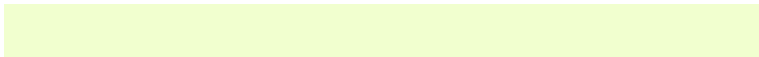
Harmonies

Analogous

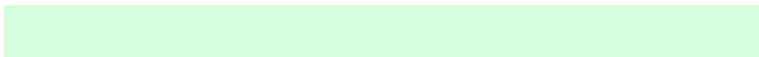
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9438, 94.7258, 68.7434



83.2981, 94.7258, 72.9251



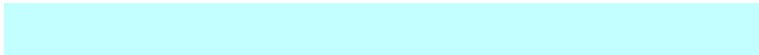
78.6686, 94.7258, 84.9791

Triad

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



83.2981, 94.7258, 72.9251



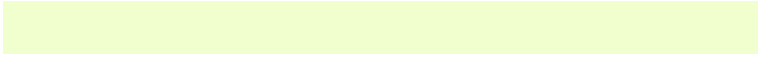
83.4467, 94.7258, 141.0433



104.4033, 94.7258, 102.8819

Complementary

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



83.2981, 94.7258, 72.9251



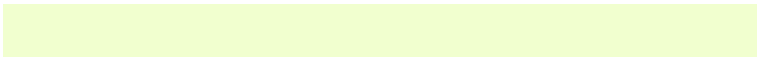
70.1825, 67.2190, 103.8833

Split Complementary

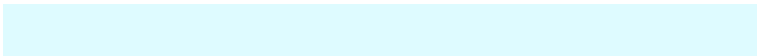
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.4446, 94.7258, 123.7205



83.2981, 94.7258, 72.9251



90.1244, 94.7258, 147.4385

Square

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



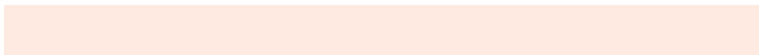
83.2981, 94.7258, 72.9251



78.7511, 94.7258, 124.2268



97.1236, 94.7258, 140.7250



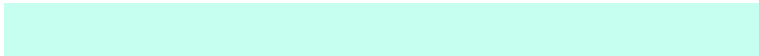
102.3462, 94.7258, 84.5861

Rectangle

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



83.2981, 94.7258, 72.9251



77.2208, 94.7258, 96.7359



97.1236, 94.7258, 140.7250



104.1916, 94.7258, 109.8213

Sweetspot

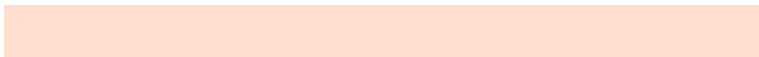
The Sweet Spot groups the original color and five complimentary colors.



83.2986, 94.7260, 72.9265



91.0609, 98.2169, 96.3629



78.2541, 77.2678, 69.8226



19.4008, 20.9822, 20.3467



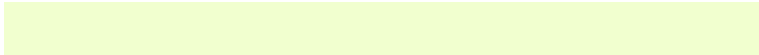
0.0000, 0.0000, 0.0000



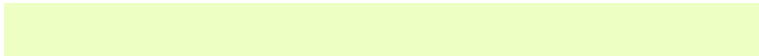
20.3446, 21.4041, 23.3091

Same Dimension

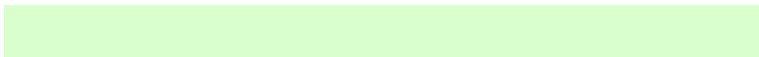
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2986, 94.7260, 72.9265



80.9880, 93.6803, 66.2472



75.7576, 90.8384, 72.5736



19.0149, 20.8091, 19.1587



28.7527, 42.5607, 6.6996



2.9084, 4.2001, 0.6574

Inverse Universe

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



70.1825, 67.2190, 103.8833



65.4420, 61.0724, 102.9467



77.8803, 71.1874, 104.2435



17.5007, 17.6344, 22.7313



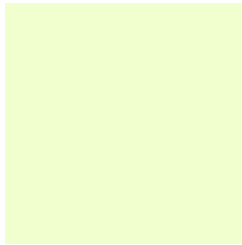
11.0502, 4.6071, 49.7414



1.1790, 0.5017, 4.8480

Previews

White Background



This preview shows how the XYZ color 83.2981, 94.7258, 72.9251 looks on a white background.

Color Contrast Check

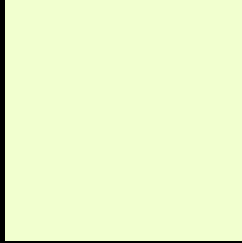
Large Text (above 18pt) WCAG AA × Fail

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 83.2981, 94.7258, 72.9251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

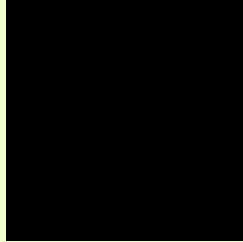
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

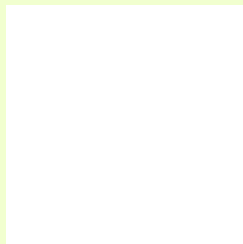
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2981, 94.7258, 72.9251

Background



This preview shows how black text looks on a background with the XYZ color 83.2981, 94.7258, 72.9251.



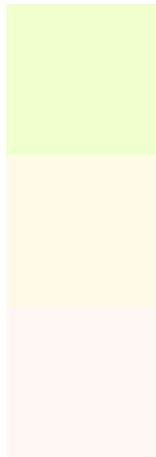
This preview shows how white text looks on a background with the XYZ color 83.2981, 94.7258, 72.9251.

72.9251.

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

83.2981, 94.7258, 72.9251

Protanopia

89.5395, 94.7809, 89.1766

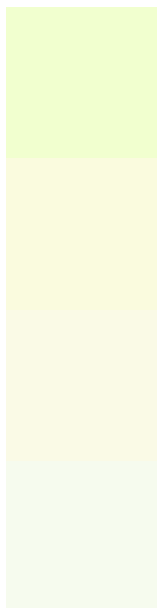
Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy



Original Color

83.2981, 94.7258, 72.9251

Protanomaly

87.1063, 94.5923, 82.7744

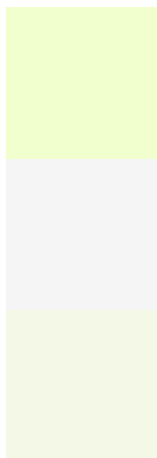
Deuteranomaly

87.8929, 94.4084, 88.4531

Tritanomaly

87.9358, 94.7602, 94.5448

Monochromacy



Original Color

83.2981, 94.7258, 72.9251

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.6077, 92.7540, 88.9926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2981, 94.7258, 72.9251 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(241, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 207)  
}
```

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(241, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 83.2981, 94.7258, 72.9251 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(241, 255, 207) }
```


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

```
.border{ border-color:rgb(241, 255, 207) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2981, 94.7258, 72.9251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 207) }
```

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

```
.background{ background-color: rgb(241,  
255, 207) }
```

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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