

Converting Colors

XYZ(82.4287, 94.2775, 72.8852)

Have a look what the booklet for
XYZ(82.4287, 94.2775, 72.8852)
contains.

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Color

**XYZ(82.2824, 94.2021,
72.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFCF
RGB	238, 255, 207
RGB Percent	93%, 100%, 81%
CMY	0.0667, 0.0000, 0.1882
CMYK	0.07, 0.00, 0.19, 0.00
HSL	81°, 100%, 91%
HSV	81°, 19%, 100%
XYZ	82.2824, 94.2021, 72.8776
YIQ	244.4450, 5.2760, -18.5320

Conversions

Conversions Part 2

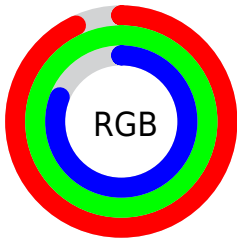
Format	Color
R_{YB}	207, 255, 224
Decimal	15663055
CIE _{Lab}	97.71, -13.61, 21.11
CIE _{LCh}	98, 25.117, 122.813
Yxy	94.2021, 0.3300, 0.3778
Android (android.graphics.Color)	4293853135 (0xFFEEFFCF)
YUV	244.4450, -18.4604, -5.6523
Hunter-Lab	97.0578, -18.5246, 23.4215

Details

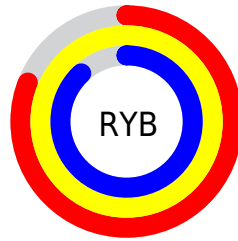
The XYZ color **82.2824, 94.2021, 72.8776** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.1042, 67.6942, 103.9264**, and the grayscale version is **86.4852, 90.9892, 99.0872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2353, 52.6332, 37.9121** is the 20% darker color. If you saturate the color by 10%, you get **76.4556, 91.5299, 57.6241**, and if you desaturate by 10%, it is **88.7661, 97.1548, 90.7927**.

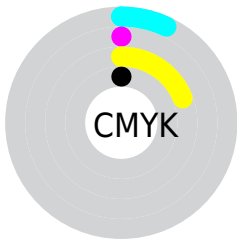
Distribution



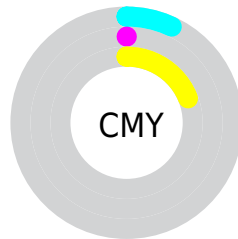
- Red (93%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2824, 94.2021, 72.8776 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 82.2824, 94.2021, 72.8776 by changing the saturation by 10% instead.

82.2824, 94.2021,
72.8776

82.2824, 94.2021,
72.8776

491.2120,
541.6074, 489.6499

61.9132, 71.4711,
53.3847

135.5037,
153.1618, 125.0227

45.2179, 52.7267,
37.7201

169.0866,
190.1593, 158.5120

31.8311, 37.5846,
25.4654

207.8047,
232.6810, 197.5038

21.3875, 25.6605,
16.2020

252.0235,
281.1114, 242.4167

13.5216, 16.5698,
9.5113

302.1082,
335.8348, 293.6693

7.8682, 9.9283,
4.9748

358.4243,

4.0618, 5.3514,

397.2357, 351.6799

2.1740

421.3371,
465.6985, 416.8673

■ 1.7372, 2.4549,
0.6593

■ 0.4794, 0.8539,
0.0000

■ 82.2824, 94.2021,
72.8776

■ 82.2824, 94.2021,
72.8776

■ 76.4556, 91.5299,
57.6241

■ 88.7661, 97.1548,
90.7927

■ 71.2576, 89.1265,
44.9009

95.0500, 100.0000,
108.9000

■ 66.6606, 86.9805,
34.5718

■ 62.6337, 85.0793,
26.4860

■ 59.1426, 83.4090,
20.4757

■ 56.1486, 81.9538,
16.3496

■ 53.6062, 80.6952,
13.8808

■ 51.4504, 79.6068,
12.7401

■ 51.2124, 79.4860,
12.6432

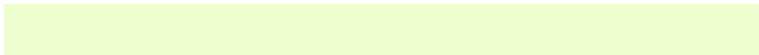
Harmonies

Analogous

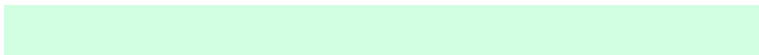
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8625, 94.2021, 68.0193



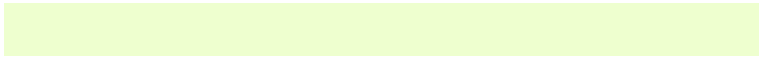
82.2824, 94.2021, 72.8776



77.8418, 94.2021, 85.5920

Triad

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



82.2824, 94.2021, 72.8776



83.3932, 94.2021, 141.7841



104.0003, 94.2021, 100.6478

Complementary

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



82.2824, 94.2021, 72.8776



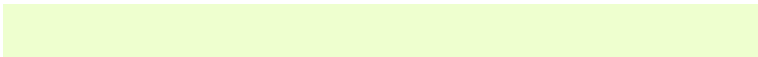
71.1042, 67.6942, 103.9264

Split Complementary

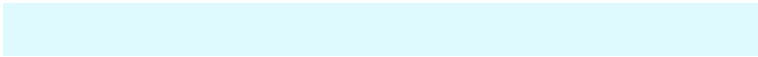
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.3470, 94.2021, 121.6568



82.2824, 94.2021, 72.8776



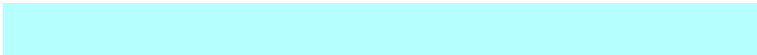
90.2134, 94.2021, 147.1973

Square

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



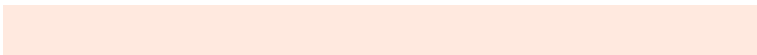
82.2824, 94.2021, 72.8776



78.4587, 94.2021, 125.4497



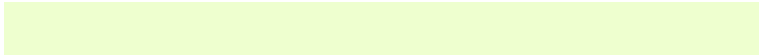
97.2044, 94.2021, 139.3973



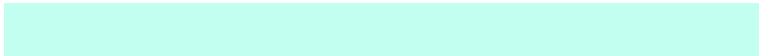
101.6103, 94.2021, 82.6565

Rectangle

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



82.2824, 94.2021, 72.8776



76.5621, 94.2021, 97.7164



97.2044, 94.2021, 139.3973



103.8991, 94.2021, 107.5818

Sweetspot

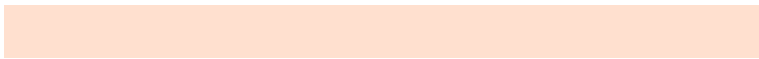
The Sweet Spot groups the original color and five complimentary colors.



82.2830, 94.2024, 72.8790



90.7181, 98.0402, 96.3469



79.1051, 78.9697, 70.1063



19.3197, 20.9403, 20.3429



0.0000, 0.0000, 0.0000



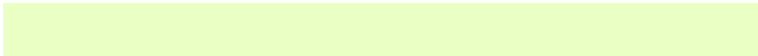
20.3446, 21.4041, 23.3091

Same Dimension

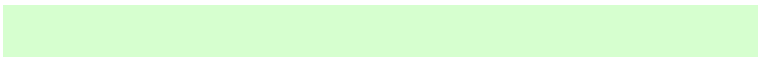
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2830, 94.2024, 72.8790



79.7704, 93.0526, 66.1903



74.8133, 90.3516, 72.5294



18.9004, 20.7501, 19.1533



26.9279, 41.6199, 6.6142



2.7407, 4.1136, 0.6496

Inverse Universe

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



71.1042, 67.6942, 103.9264



66.5204, 61.6283, 102.9972



79.0040, 71.7667, 104.2961



17.6100, 17.6907, 22.7364



11.7969, 4.9920, 49.7764



1.2621, 0.5445, 4.8519

Previews

White Background



This preview shows how the XYZ color 82.2824, 94.2021, 72.8776 looks on a white background.

Color Contrast Check

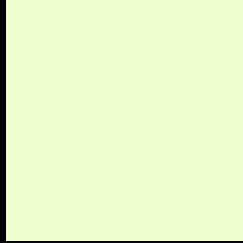
Large Text (above 18pt) WCAG AA × Fail

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 82.2824, 94.2021, 72.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

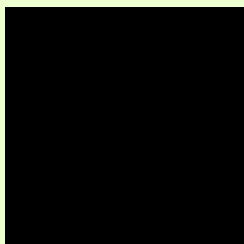
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

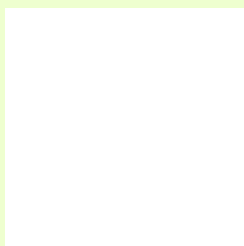
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.2824, 94.2021, 72.8776

Background



This preview shows how black text looks on a background with the XYZ color 82.2824, 94.2021, 72.8776.



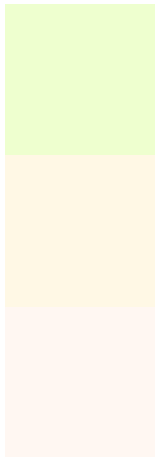
This preview shows how white text looks on a background with the XYZ color 82.2824, 94.2021,

72.8776.

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

82.2824, 94.2021, 72.8776

Protanopia

88.9503, 94.0519, 87.5944

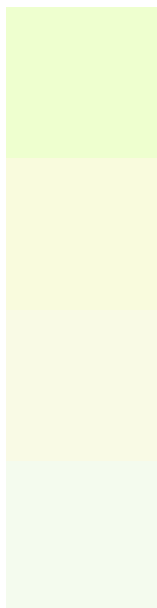
Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

82.2824, 94.2021, 72.8776

Protanomaly

86.6152, 94.3546, 82.0538

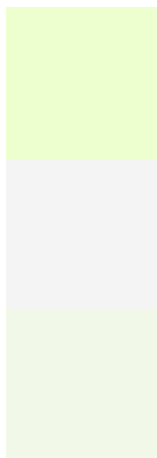
Deuteranomaly

87.3954, 94.1681, 87.6988

Tritanomaly

87.2380, 94.4005, 94.5121

Monochromacy



Original Color

82.2824, 94.2021, 72.8776

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.6092, 91.7816, 88.8575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2824, 94.2021, 72.8776 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(238, 255, 207) looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 82.2824, 94.2021, 72.8776 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(238, 255, 207) }
```


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

```
.border{ border-color:rgb(238, 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(238, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2824, 94.2021, 72.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 207) }
```

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

```
.background{ background-color: rgb(238,  
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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