

Converting Colors

XYZ(82.2626, 94.1621, 74.2259)

Have a look what the booklet for
XYZ(82.2626, 94.1621, 74.2259)
contains.

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Color

**XYZ(82.1937, 94.1280,
74.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFD1
RGB	237, 255, 209
RGB Percent	93%, 100%, 82%
CMY	0.0706, 0.0000, 0.1804
CMYK	0.07, 0.00, 0.18, 0.00
HSL	83°, 100%, 91%
HSV	83°, 18%, 100%
XYZ	82.1937, 94.1280, 74.1580
YIQ	244.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

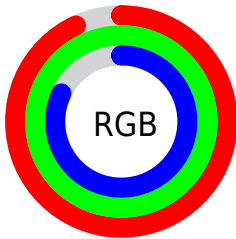
Format	Color
RYB	209, 255, 227
Decimal	15597521
CIELab	97.68, -13.65, 20.04
CIELCh	98, 24.249, 124.268
Yxy	94.1280, 0.3281, 0.3758
Android (android.graphics.Color)	4293787601 (0xFFEFD1)
YUV	244.3740, -17.4394, -6.4670
Hunter-Lab	97.0196, -18.5615, 22.5947

Details

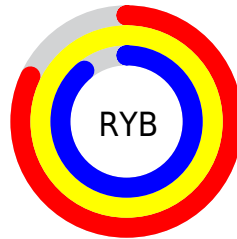
The XYZ color **82.1937, 94.1280, 74.1580** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.5298, 69.1530, 104.1329**, and the grayscale version is **86.4210, 90.9216, 99.0137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0829, 52.5450, 38.3379** is the 20% darker color. If you saturate the color by 10%, you get **76.0454, 91.2945, 58.6878**, and if you desaturate by 10%, it is **89.0340, 97.2598, 92.3010**.

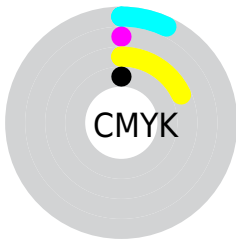
Distribution



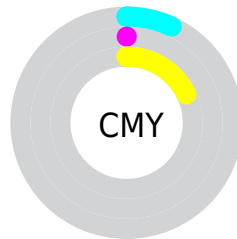
- Red (93%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1937, 94.1280, 74.1580 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 82.1937, 94.1280, 74.1580 by changing the saturation by 10% instead.


 82.1937, 94.1280,
74.1580

 82.1937, 94.1280,
74.1580


490.9201,
541.3696, 494.1965

 61.8399, 71.4094,
54.4258


135.3800,
153.0594, 126.8559

 45.1584, 52.6764,
38.5467


168.9432,
190.0409, 160.6586

 31.7840, 37.5445,
26.1021


207.6402,
232.5456, 199.9886

 21.3513, 25.6293,
16.6736

251.8364,
280.9578, 245.2644

 13.4950, 16.5466,
9.8426

301.8971,
335.6619, 296.9046

 7.8496, 9.9117,
5.1905

358.1877,

 4.0499, 5.3405,

397.0423, 355.3276

2.2988

421.0736,
465.4834, 420.9521

■ 1.7304, 2.4484,
0.7305

■ 0.4752, 0.8506,
0.0000

■ 82.1937, 94.1280,
74.1580

■ 82.1937, 94.1280,
74.1580

■ 76.0454, 91.2945,
58.6878

■ 89.0340, 97.2598,
92.3010

■ 70.5603, 88.7473,
45.7597

95.0500, 100.0000,
108.9000

■ 65.7101, 86.4747,
35.2384

■ 61.4631, 84.4639,
26.9742

■ 57.7846, 82.7004,
20.8009

■ 54.6355, 81.1682,
16.5291

■ 51.9697, 79.8486,
13.9354

■ 49.7264, 78.7168,
12.7166

■ 49.3196, 78.5102,
12.5546

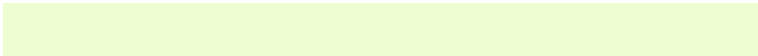
Harmonies

Analogous

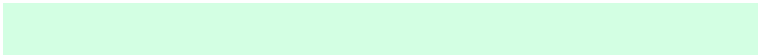
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4811, 94.1280, 69.0435



82.1937, 94.1280, 74.1580



78.0264, 94.1280, 86.8454

Triad

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



82.1937, 94.1280, 74.1580



83.8222, 94.1280, 140.7168



103.3755, 94.1280, 99.6847

Complementary

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



82.1937, 94.1280, 74.1580



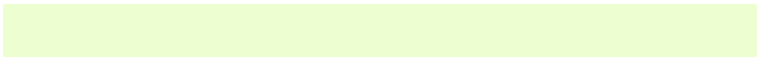
72.5298, 69.1530, 104.1329

Split Complementary

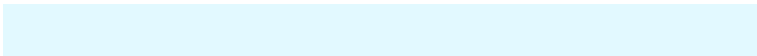
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.9720, 94.1280, 119.9076



82.1937, 94.1280, 74.1580



90.4579, 94.1280, 145.2952

Square

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



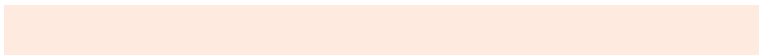
82.1937, 94.1280, 74.1580



78.9321, 94.1280, 125.4341



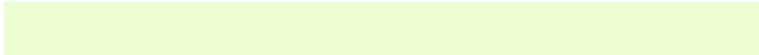
97.1547, 94.1280, 137.2489



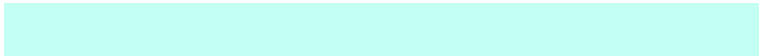
100.8974, 94.1280, 82.5286

Rectangle

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



82.1937, 94.1280, 74.1580



76.8902, 94.1280, 98.7368



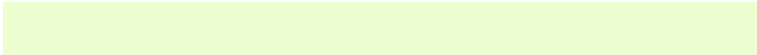
97.1547, 94.1280, 137.2489



103.3429, 94.1280, 106.3359

Sweetspot

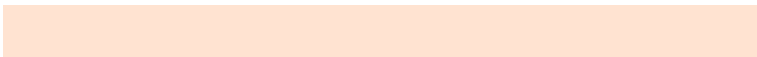
The Sweet Spot groups the original color and five complimentary colors.



82.1943, 94.1283, 74.1594



91.2529, 98.2719, 98.3602



80.1181, 80.6020, 71.6580



19.4208, 20.9836, 20.7483



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

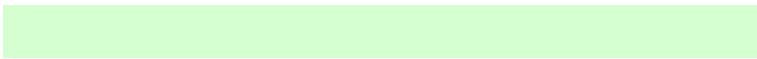
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1943, 94.1283, 74.1594



79.6772, 92.9706, 67.7177



75.1081, 90.4752, 73.8278



18.8328, 20.7153, 19.1502



25.9430, 41.1122, 6.5681



2.6487, 4.0662, 0.6453

Inverse Universe

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



72.5298, 69.1530, 104.1329



68.2241, 63.3698, 103.2435



80.1441, 73.0783, 104.4892



17.6753, 17.7243, 22.7395



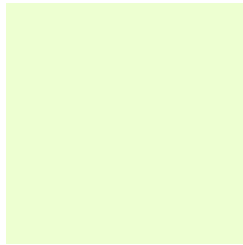
12.3203, 5.2619, 49.8009



1.3179, 0.5733, 4.8545

Previews

White Background



This preview shows how the XYZ color 82.1937, 94.1280, 74.1580 looks on a white background.

Color Contrast Check

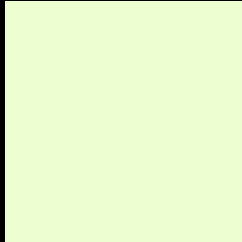
Large Text (above 18pt) WCAG AA × Fail

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 82.1937, 94.1280, 74.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

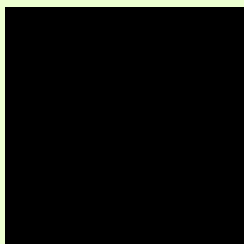
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

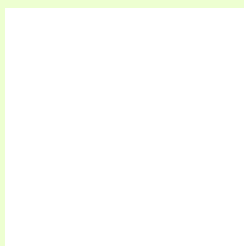
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1937, 94.1280, 74.1580

Background



This preview shows how black text looks on a background with the XYZ color 82.1937, 94.1280, 74.1580.



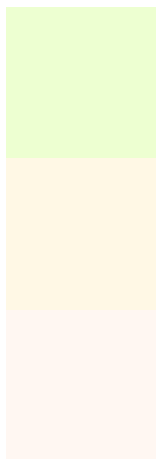
This preview shows how white text looks on a background with the XYZ color 82.1937, 94.1280,

74.1580.

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

82.1937, 94.1280, 74.1580

Protanopia

88.9503, 94.0519, 87.5944

Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

82.1937, 94.1280, 74.1580

Protanomaly

86.3934, 94.2247, 82.7410

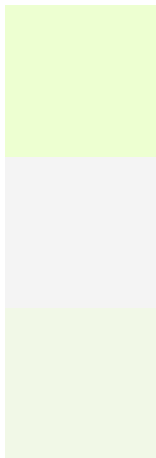
Deuteranomaly

87.1799, 94.0408, 88.4197

Tritanomaly

86.8919, 94.2221, 94.4959

Monochromacy



Original Color

82.1937, 94.1280, 74.1580

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.2668, 91.6051, 88.8415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1937, 94.1280, 74.1580 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(237, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 209)  
}
```

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(237, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 209) }
```

Border

The CSS property to change the border of an element to XYZ 82.1937, 94.1280, 74.1580 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(237, 255, 209) }
```


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

```
.border{ border-color:rgb(237, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1937, 94.1280, 74.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 209) }
```

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

```
.background{ background-color: rgb(237,  
255, 209) }
```

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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