

Converting Colors

XYZ(82.9750, 94.8029, 61.8991)

Have a look what the booklet for
XYZ(82.9750, 94.8029, 61.8991)
contains.

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Color

**XYZ(82.9513, 94.7870,
62.0678)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFBD
RGB	246, 255, 189
RGB Percent	96%, 100%, 74%
CMY	0.0353, 0.0000, 0.2588
CMYK	0.04, 0.00, 0.26, 0.00
HSL	68°, 100%, 87%
HSV	68°, 26%, 100%
XYZ	82.9513, 94.7870, 62.0678
YIQ	244.7850, 15.8220, -22.4340

Conversions

Conversions Part 2

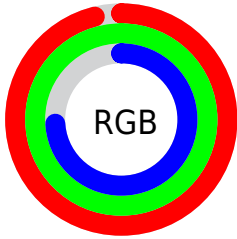
Format	Color
RYB	189, 255, 198
Decimal	16187325
CIELab	97.95, -13.34, 30.63
CIELCh	98, 33.409, 113.526
Yxy	94.7870, 0.3459, 0.3953
Android (android.graphics.Color)	4294377405 (0xFFFF6FFBD)
YUV	244.7850, -27.5020, 1.0656
Hunter-Lab	97.3586, -18.2924, 30.3526

Details

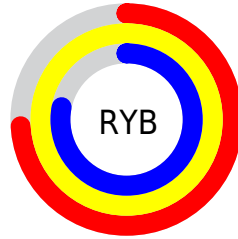
The XYZ color **82.9513, 94.7870, 62.0678** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.5373, 55.6222, 102.2059**, and the grayscale version is **86.8225, 91.3440, 99.4736**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **45.5535, 52.9563, 30.7423** is the 20% darker color. If you saturate the color by 10%, you get **79.2137, 93.1523, 48.6919**, and if you desaturate by 10%, it is **87.1992, 96.6284, 78.0104**.

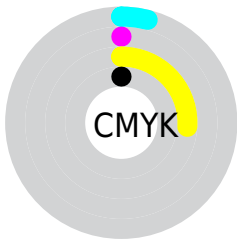
Distribution



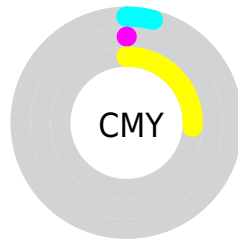
- Red (96%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9513, 94.7870, 62.0678 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 82.9513, 94.7870, 62.0678 by changing the saturation by 10% instead.


 82.9513, 94.7870,
62.0678

 82.9513, 94.7870,
62.0678


493.4106,
543.4829, 450.1928

 62.4668, 71.9577,
44.6513


 136.4361,
153.9703, 109.3961

 45.6670, 53.1241,
30.8419

170.1671,
191.0931, 140.1449

 32.1866, 37.9019,
20.2211


209.0443,
233.7492, 176.1751

 21.6603, 25.9065,
12.3702

253.4330,
282.3230, 217.9049

 13.7227, 16.7537,
6.8707

303.6987,
337.1988, 265.7531

 8.0085, 10.0591,
3.3042

360.2066,

 4.1522, 5.4381,

398.7612, 320.1381

1.2520

423.3221,
467.3944, 381.4785

■ 1.7886, 2.5066,
0.0219

■ 0.5108, 0.8799,
0.0000

■ 82.9513, 94.7870,
62.0678

■ 82.9513, 94.7870,
62.0678

■ 79.2137, 93.1523,
48.6919

■ 87.1992, 96.6284,
78.0104

■ 75.9596, 91.7137,
37.7446

■ 91.9801, 98.6856,
96.6402

■ 73.1616, 90.4601,
29.0808

95.0500, 100.0000,
108.9000

■ 70.7887, 89.3792,
22.5383

■ 68.8059, 88.4569,
17.9336

■ 67.1724, 87.6769,
15.0522

■ 65.8375, 87.0189,
13.6280

■ 65.3440, 86.7711,
13.3045

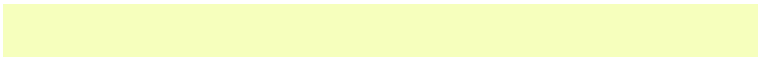
Harmonies

Analogous

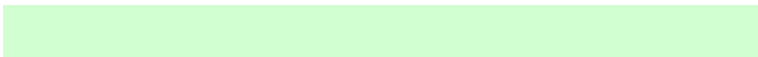
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1810, 94.7870, 59.2332



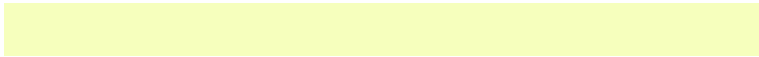
82.9513, 94.7870, 62.0678



76.1028, 94.7870, 74.9653

Triad

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



82.9513, 94.7870, 62.0678



79.5995, 94.7870, 151.5984



109.6216, 94.7870, 109.2581

Complementary

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



82.9513, 94.7870, 62.0678



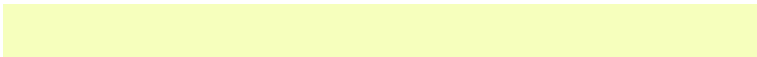
59.5373, 55.6222, 102.2059

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.



105.6988, 94.7870, 137.7764



82.9513, 94.7870, 62.0678



88.0352, 94.7870, 164.8597

Square

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



82.9513, 94.7870, 62.0678



74.2655, 94.7870, 125.6822



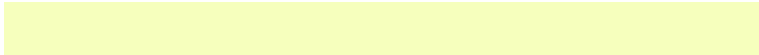
97.6316, 94.7870, 159.3996



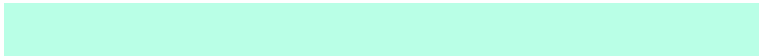
108.0215, 94.7870, 83.5847

Rectangle

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



82.9513, 94.7870, 62.0678



73.5876, 94.7870, 88.9845



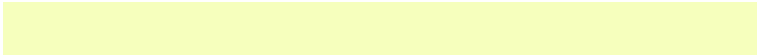
97.6316, 94.7870, 159.3996



108.8967, 94.7870, 118.8694

Sweetspot

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



82.9517, 94.7871, 62.0691



90.9216, 98.2313, 92.4631



70.5744, 65.2319, 57.0168



19.3033, 20.9578, 19.1722



0.0000, 0.0000, 0.0000



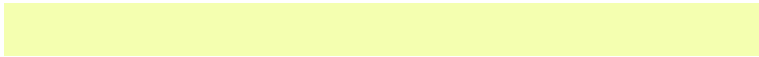
20.3446, 21.4041, 23.3091

Same Dimension

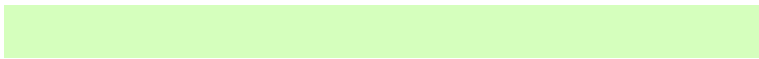
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9517, 94.7871, 62.0691



80.9763, 93.9252, 54.9098



72.4446, 89.3705, 61.5774



19.3033, 20.9578, 19.1722



34.2379, 45.3883, 6.9563



3.3980, 4.4525, 0.6803

Inverse Universe

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



59.5373, 55.6222, 102.2059



53.9930, 48.7818, 101.1778



69.1388, 60.5720, 102.6553



17.2333, 17.4965, 22.7188



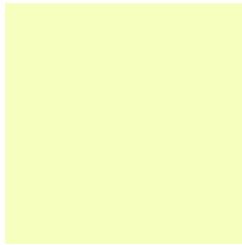
9.8596, 3.9933, 49.6857



1.0271, 0.4234, 4.8409

Previews

White Background



This preview shows how the XYZ color 82.9513, 94.7870, 62.0678 looks on a white background.

Color Contrast Check

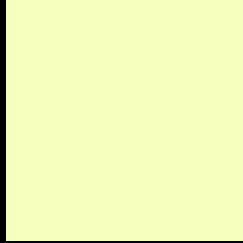
Large Text (above 18pt) WCAG AA × Fail

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 82.9513, 94.7870, 62.0678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

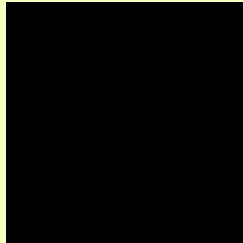
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9513, 94.7870, 62.0678

Background



This preview shows how black text looks on a background with the XYZ color 82.9513, 94.7870, 62.0678.



This preview shows how white text looks on a background with the XYZ color 82.9513, 94.7870,

62.0678.

Color Blindness Simulation

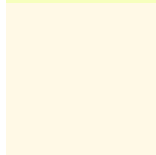
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



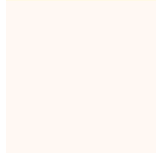
Original Color

82.9513, 94.7870, 62.0678



Protanopia

89.3986, 94.7245, 88.4348



Deuteranopia

90.9851, 94.8659, 98.3095

Tritanopia

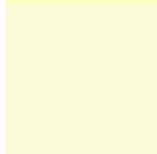
91.4556, 94.4370, 108.0157

Trichromacy



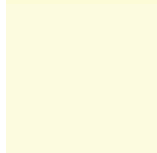
Original Color

82.9513, 94.7870, 62.0678



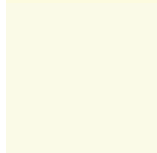
Protanomaly

86.9078, 94.5961, 77.9683



Deuteranomaly

87.9613, 95.0175, 83.5162



Tritanomaly

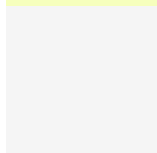
88.0338, 94.4647, 89.1949

Monochromacy



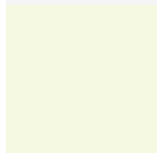
Original Color

82.9513, 94.7870, 62.0678



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.1225, 92.6001, 84.6213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9513, 94.7870, 62.0678 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(246, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 189)  
}
```

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(246, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 82.9513, 94.7870, 62.0678 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(246, 255, 189) }
```


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

```
.border{ border-color:rgb(246, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 255, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 255, 189); box-shadow:4px 4px 4px 4px rgb(246, 255, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9513, 94.7870, 62.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 189) }
```

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

```
.background{ background-color: rgb(246,  
255, 189) }
```

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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