

Converting Colors

XYZ(82.1586, 94.2817, 66.3949)

Have a look what the booklet for
XYZ(82.1586, 94.2817, 66.3949)
contains.

XYZ(82.1137, 94.2520, 66.6879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.1137, 94.2520,
66.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFC5
RGB	241, 255, 197
RGB Percent	95%, 100%, 77%
CMY	0.0549, 0.0000, 0.2274
CMYK	0.05, 0.00, 0.23, 0.00
HSL	74°, 100%, 89%
HSV	74°, 23%, 100%
XYZ	82.1137, 94.2520, 66.6879
YIQ	244.2020, 10.2740, -21.0060

Conversions

Conversions Part 2

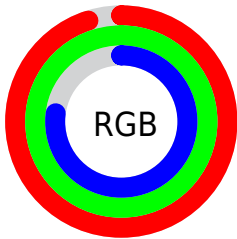
Format	Color
RYB	197, 255, 211
Decimal	15859653
CIELab	97.73, -14.02, 26.24
CIElCh	98, 29.756, 118.117
Yxy	94.2520, 0.3378, 0.3878
Android (android.graphics.Color)	4294049733 (0xFFFF1FFC5)
YUV	244.2020, -23.2706, -2.8082
Hunter-Lab	97.0835, -18.9198, 27.2314

Details

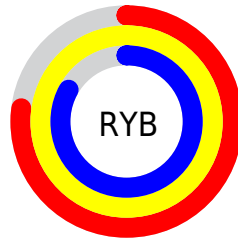
The XYZ color **82.1137, 94.2520, 66.6879** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **64.8811, 61.0026, 102.9628**, and the grayscale version is **86.3247, 90.8203, 98.9033**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **45.1596, 52.6856, 33.7758** is the 20% darker color. If you saturate the color by 10%, you get **77.3687, 92.1154, 52.4818**, and if you desaturate by 10%, it is **87.4250, 96.6234, 83.5031**.

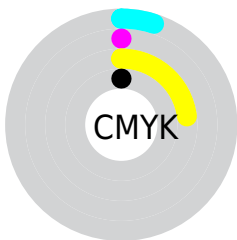
Distribution



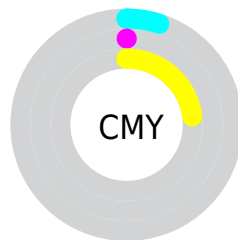
- Red (95%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1137, 94.2520, 66.6879 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 82.1137, 94.2520, 66.6879 by changing the saturation by 10% instead.


 82.1137, 94.2520,
66.6879

 82.1137, 94.2520,
66.6879


490.6567,
541.7676, 467.3042

 61.7737, 71.5126,
48.3710


135.2684,
153.2308, 116.1095

 45.1048, 52.7606,
33.7587


168.8139,
190.2390, 148.0513

 31.7416, 37.6117,
22.4325


207.4918,
232.7722, 185.3718

 21.3188, 25.6815,
13.9737

251.6676,
281.2148, 228.4896

 13.4710, 16.5855,
7.9638

301.7066,
335.9513, 277.8232

 7.8329, 9.9394,
3.9844

357.9743,

 4.0391, 5.3588,

397.3660, 333.7912

1.6168

420.8358,
465.8433, 396.8120

■ 1.7243, 2.4593,
0.3027

■ 0.4714, 0.8561,
0.0000

■ 82.1137, 94.2520,
66.6879

■ 82.1137, 94.2520,
66.6879

■ 77.3687, 92.1154,
52.4818

■ 87.4250, 96.6234,
83.5031

■ 73.1630, 90.2026,
40.7498

■ 93.3249, 99.2385,
103.0449

■ 69.4693, 88.5026,
31.3508

■ 95.0500, 100.0000,
108.9000

■ 66.2571, 87.0032,
24.1282

■ 63.4924, 85.6907,
18.9059

■ 61.1358, 84.5492,
15.4805

■ 59.1397, 83.5596,
13.6057

■ 57.8671, 82.9166,
12.9546

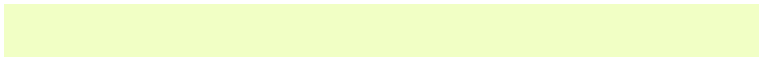
Harmonies

Analogous

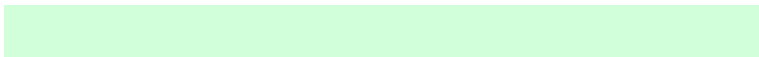
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1208, 94.2520, 62.6546



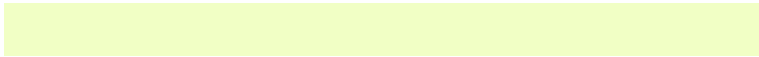
82.1137, 94.2520, 66.6879



76.4337, 94.2520, 79.8732

Triad

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



82.1137, 94.2520, 66.6879



81.2408, 94.2520, 147.6258



106.8968, 94.2520, 104.1672

Complementary

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



82.1137, 94.2520, 66.6879



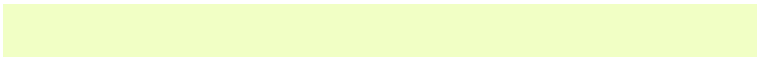
64.8811, 61.0026, 102.9628

Split Complementary

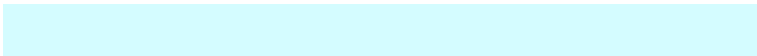
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.1616, 94.2520, 129.3313



82.1137, 94.2520, 66.6879



89.0488, 94.2520, 156.7577

Square

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



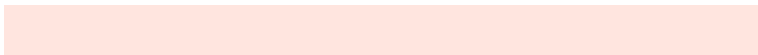
82.1137, 94.2520, 66.6879



75.9525, 94.2520, 126.2538



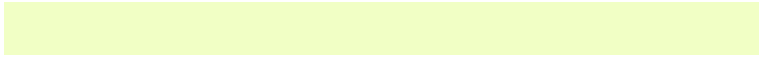
97.4935, 94.2520, 149.5906



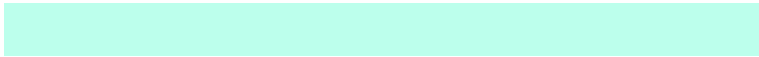
104.7554, 94.2520, 82.1441

Rectangle

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



82.1137, 94.2520, 66.6879



74.5498, 94.2520, 93.3018



97.4935, 94.2520, 149.5906



106.5139, 94.2520, 112.5482

Sweetspot

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



82.1142, 94.2522, 66.6893



90.7406, 98.0952, 94.3874



74.4972, 71.6491, 62.7279



19.3457, 20.9625, 19.9488



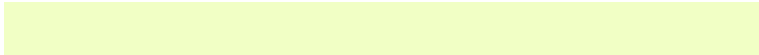
0.0000, 0.0000, 0.0000



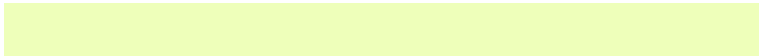
20.3446, 21.4041, 23.3091

Same Dimension

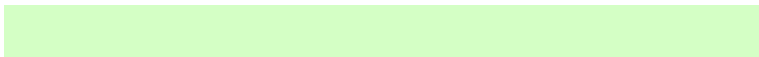
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1142, 94.2522, 66.6893



80.0270, 93.3148, 60.3317



73.1249, 89.6181, 66.2686



19.1076, 20.8569, 19.1630



30.3778, 43.3984, 6.7757



3.0554, 4.2759, 0.6643

Inverse Universe

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



64.8811, 61.0026, 102.9628



60.2062, 55.0651, 102.0632



73.7939, 65.5973, 103.3799



17.4135, 17.5894, 22.7272



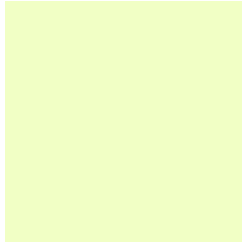
10.5656, 4.3572, 49.7187



1.1217, 0.4722, 4.8453

Previews

White Background



This preview shows how the XYZ color 82.1137, 94.2520, 66.6879 looks on a white background.

Color Contrast Check

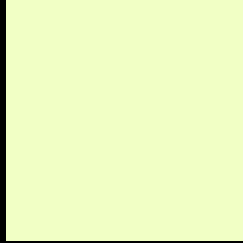
Large Text (above 18pt) WCAG AA × Fail

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 82.1137, 94.2520, 66.6879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

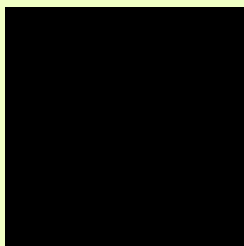
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

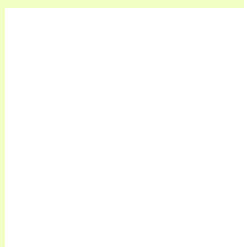
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1137, 94.2520, 66.6879

Background



This preview shows how black text looks on a background with the XYZ color 82.1137, 94.2520, 66.6879.

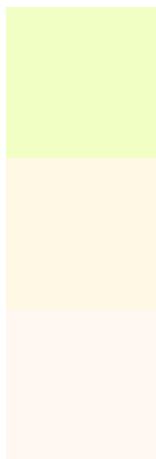


This preview shows how white text looks on a background with the XYZ color 82.1137, 94.2520,

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

82.1137, 94.2520, 66.6879

Protanopia

88.8110, 93.9962, 86.8610

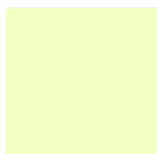
Deuteranopia

90.5278, 94.1923, 97.4140

Tritanopia

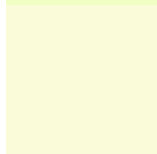
90.3777, 93.8813, 107.9652

Trichromacy



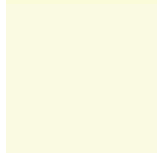
Original Color

82.1137, 94.2520, 66.6879



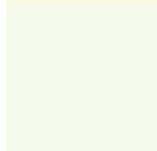
Protanomaly

86.4459, 94.3281, 79.2966



Deuteranomaly

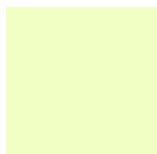
87.3374, 94.1862, 85.5281



Tritanomaly

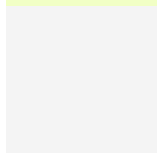
87.0429, 93.9046, 91.3796

Monochromacy



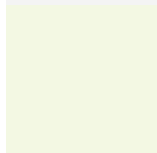
Original Color

82.1137, 94.2520, 66.6879



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.3947, 91.7355, 85.9317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1137, 94.2520, 66.6879 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 197) }
```

Border

The CSS property to change the border of an element to XYZ 82.1137, 94.2520, 66.6879 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, 197) }
```


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

```
.border{ border-color:rgb(241, 255, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1137, 94.2520, 66.6879 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, 197) }
```

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

```
.background{ background-color: rgb(241,  
255, 197) }
```

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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