

Converting Colors

XYZ(84.1342, 92.4403, 66.7529)

Have a look what the booklet for
XYZ(84.1342, 92.4403, 66.7529)
contains.

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Color

**XYZ(84.2136, 92.5240,
66.8465)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF9C6
RGB	252, 249, 198
RGB Percent	99%, 98%, 78%
CMY	0.0118, 0.0235, 0.2235
CMYK	0.00, 0.01, 0.21, 0.01
HSL	57°, 90%, 88%
HSV	57°, 21%, 99%
XYZ	84.2136, 92.5240, 66.8465
YIQ	244.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

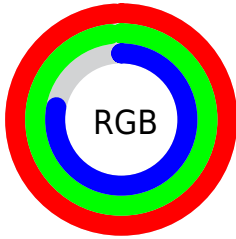
Format	Color
R_{YB}	201, 252, 198
Decimal	16579014
CIE _{Lab}	97.03, -6.98, 24.90
CIE _{LCh}	97, 25.865, 105.665
Yxy	92.5240, 0.3457, 0.3798
Android (android.graphics.Color)	4294769094 (0xFFFCF9C6)
YUV	244.0830, -22.7189, 6.9432
Hunter-Lab	96.1894, -12.0551, 26.1292

Details

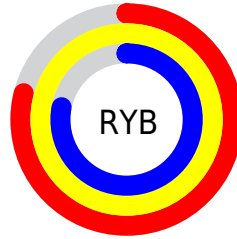
The XYZ color **84.2136, 92.5240, 66.8465** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.7459, 60.8060, 100.5783**, and the grayscale version is **86.2235, 90.7138, 98.7873**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6097, 51.7556, 33.9188** is the 20% darker color. If you saturate the color by 10%, you get **81.1161, 90.5996, 52.6471**, and if you desaturate by 10%, it is **87.8028, 94.6565, 83.5979**.

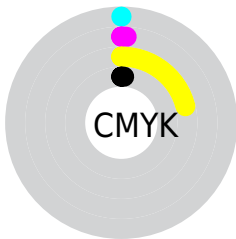
Distribution



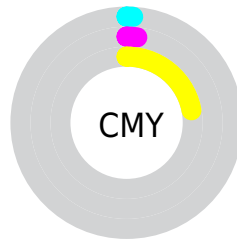
- Red (99%)
- Green (98%)
- Blue (78%)



- Red (79%)
- Yellow (99%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2136, 92.5240, 66.8465 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 84.2136, 92.5240, 66.8465 by changing the saturation by 10% instead.

84.2136, 92.5240,
66.8465

84.2136, 92.5240,
66.8465

497.5452,
536.2076, 467.8848

63.5121, 70.0759,
48.4991

138.1936,
150.8394, 116.3390

46.5158, 51.5884,
33.8595

172.2029,
187.4756, 148.3211

32.8594, 36.6771,
22.5092

211.3788,
229.6099, 185.6853

22.1775, 24.9576,
14.0296

256.0867,
277.6268, 228.8500

14.1047, 16.0455,
8.0023

306.6919,
331.9106, 278.2337

8.2757, 9.5563,
4.0086

363.5598,

4.3252, 5.1058,

392.8457, 334.2551

1.6301

427.0558,
460.8166, 397.3326

■ 1.8877, 2.3095,
0.3121

■ 0.5697, 0.7787,
0.0000

■ 84.2136, 92.5240,
66.8465

■ 84.2136, 92.5240,
66.8465

■ 81.1161, 90.5996,
52.6471

■ 87.8028, 94.6565,
83.5979

■ 78.4791, 88.8614,
40.8678

■ 91.8988, 96.9938,
103.0126

■ 76.2791, 87.3031,
31.3741

■ 93.3830, 98.2915,
108.6581

■ 74.4877, 85.9133,
24.0157

■ 93.8263, 99.1779,
108.8058

■ 73.0728, 84.6793, 93.9551, 99.4356,
18.6246 108.8488

■ 71.9977, 83.5862,
15.0075

■ 71.2184, 82.6166,
12.9321

■ 70.7274, 81.8602,
12.0729

Harmonies

Analogous

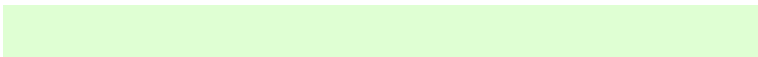
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4549, 92.5240, 66.6634



84.2136, 92.5240, 66.8465



78.2991, 92.5240, 75.2304

Triad

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



84.2136, 92.5240, 66.8465



78.5119, 92.5240, 132.2427



102.2208, 92.5240, 111.0043

Complementary

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



84.2136, 92.5240, 66.8465



61.7459, 60.8060, 100.5783

Split Complementary

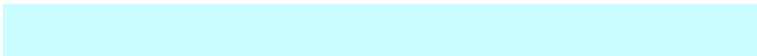
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.3443, 92.5240, 131.4554



84.2136, 92.5240, 66.8465



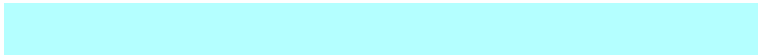
84.5189, 92.5240, 144.8167

Square

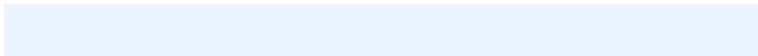
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2136, 92.5240, 66.8465



75.1333, 92.5240, 111.9660



91.7774, 92.5240, 144.5102



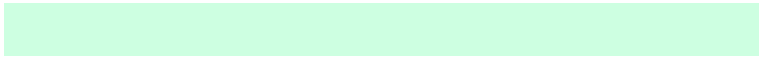
102.1279, 92.5240, 90.2961

Rectangle

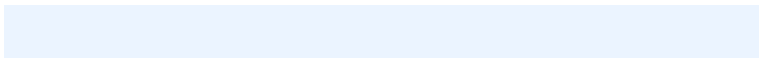
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2136, 92.5240, 66.8465



75.7873, 92.5240, 85.1014



91.7774, 92.5240, 144.5102



101.3298, 92.5240, 118.1923

Sweetspot

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



84.2160, 92.5281, 66.8485



92.4136, 98.5133, 96.3489



70.9533, 65.3302, 64.5008



19.7214, 21.0523, 20.3433



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

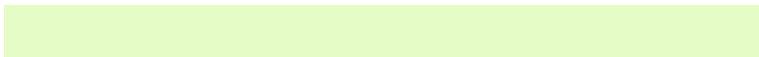
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2160, 92.5281, 66.8485



84.9911, 94.1178, 61.6606



77.1899, 90.2910, 66.7870



18.6401, 20.0161, 18.3434



36.8794, 42.7154, 6.3011



3.4401, 4.0051, 0.5917

Inverse Universe

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



61.7459, 60.8060, 100.5783



57.8943, 55.8653, 102.3395



67.7066, 62.8527, 100.6592



16.3603, 16.7973, 21.7652



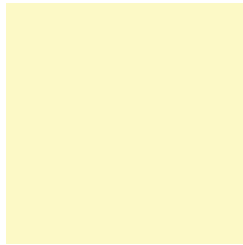
9.2664, 3.8883, 48.2357



0.8845, 0.4128, 4.4762

Previews

White Background



This preview shows how the XYZ color 84.2136, 92.5240, 66.8465 looks on a white background.

Color Contrast Check

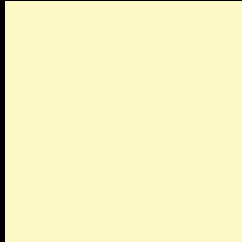
Large Text (above 18pt) WCAG AA × Fail

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 84.2136, 92.5240, 66.8465 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 84.2136, 92.5240, 66.8465

Background



This preview shows how black text looks on a background with the XYZ color 84.2136, 92.5240, 66.8465.

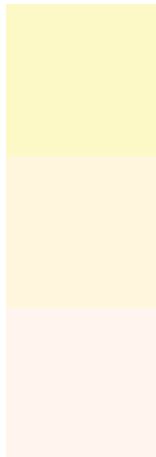


This preview shows how white text looks on a background with the XYZ color 84.2136, 92.5240,

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

84.2136, 92.5240, 66.8465

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

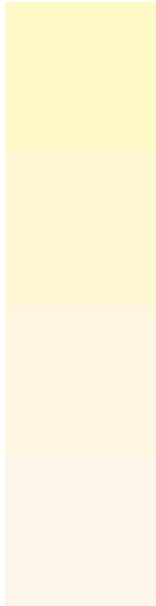
89.3250, 92.7379, 94.0812



Tritanopia

91.3406, 92.5812, 107.6635

Trichromacy



Original Color

84.2136, 92.5240, 66.8465

Protanomaly

86.1441, 92.3965, 76.2448

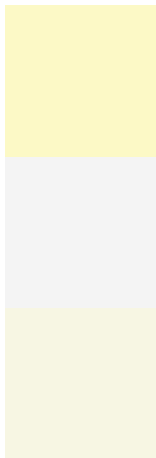
Deuteranomaly

87.1481, 92.3101, 83.0365

Tritanomaly

88.3767, 92.3162, 91.0027

Monochromacy



Original Color

84.2136, 92.5240, 66.8465

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.1787, 91.2317, 85.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2136, 92.5240, 66.8465 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(252, 249, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 198)  
}
```

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(252, 249, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 198) }
```

Border

The CSS property to change the border of an element to XYZ 84.2136, 92.5240, 66.8465 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(252, 249, 198) }
```


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

```
.border{ border-color:rgb(252, 249, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2136, 92.5240, 66.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 198) }
```

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

```
.background{ background-color: rgb(252,  
249, 198) }
```

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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