

Converting Colors

XYZ(100.4607, 100.0000,
75.5339)

Have a look what the booklet for
XYZ(100.4607, 100.0000, 75.5339)
contains.

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Color

**XYZ(86.2586, 92.4847,
74.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D3
RGB	255, 247, 211
RGB Percent	100%, 97%, 83%
CMY	0.0000, 0.0313, 0.1725
CMYK	0.00, 0.03, 0.17, 0.00
HSL	49°, 100%, 91%
HSV	49°, 17%, 100%
XYZ	86.2586, 92.4847, 74.9330
YIQ	245.2880, 16.3240, -9.5000

Conversions

Conversions Part 2

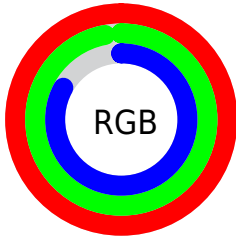
Format	Color
R_{YB}	221, 255, 211
Decimal	16775123
CIE Lab	97.02, -3.06, 18.28
CIE LCh	97, 18.536, 99.498
Yxy	92.4847, 0.3400, 0.3646
Android (android.graphics.Color)	4294965203 (0xFFFFF7D3)
YUV	245.2880, -16.9040, 8.5174
Hunter-Lab	96.1690, -8.1904, 21.1207

Details

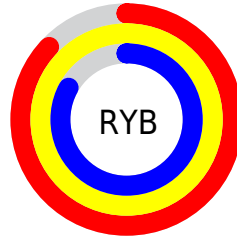
The XYZ color **86.2586, 92.4847, 74.9330** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.2449, 71.7299, 104.7507**, and the grayscale version is **87.1475, 91.6859, 99.8460**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9203, 51.6677, 38.8997** is the 20% darker color. If you saturate the color by 10%, you get **81.9135, 88.5109, 58.9442**, and if you desaturate by 10%, it is **91.1506, 96.7398, 93.6083**.

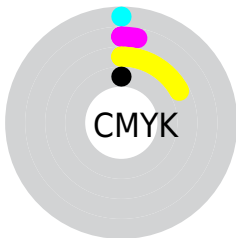
Distribution



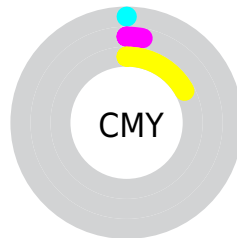
- Red (100%)
- Green (97%)
- Blue (83%)



- Red (87%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2586, 92.4847, 74.9330 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 86.2586, 92.4847, 74.9330 by changing the saturation by 10% instead.


 86.2586, 92.4847,
74.9330

 86.2586, 92.4847,
74.9330


504.2047,
536.0808, 496.9365

 65.2078, 70.0433,
55.0566


141.0353,
150.7850, 127.9637

 47.8949, 51.5618,
39.0481


175.4919,
187.4127, 161.9552

 33.9546, 36.6559,
26.4891


215.1478,
229.5379, 201.4887

 23.0214, 24.9412,
16.9608

260.3684,
277.5450, 246.9828

 14.7301, 16.0333,
10.0449

311.5190,
331.8185, 298.8561

 8.7153, 9.5477,
5.3227

368.9651,

 4.6116, 5.1001,

392.7427, 357.5272

2.3758

433.0718,
460.7020, 423.4145

■ 2.0536, 2.3061,
0.7732

■ 0.6638, 0.7769,
0.0000

■ 86.2586, 92.4847,
74.9330

■ 86.2586, 92.4847,
74.9330

■ 81.9135, 88.5109,
58.9442

■ 91.1506, 96.7398,
93.6083

■ 78.0844, 84.7963,
45.5104

95.0500, 100.0000,
108.9000

■ 74.7476, 81.3342,
34.4977

■ 71.8747, 78.1127,
25.7576

■ 69.4340, 75.1188,
19.1254

■ 67.3899, 72.3378,
14.4140

■ 65.7003, 69.7525,
11.4033

■ 64.3110, 67.3407,
9.8096

■ 63.9599, 66.6999,
9.5033

Harmonies

Analogous

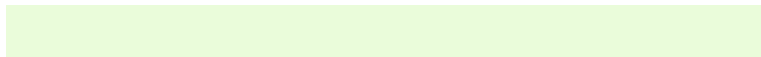
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4654, 92.4847, 76.1104



86.2586, 92.4847, 74.9330



81.6750, 92.4847, 80.1130

Triad

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



86.2586, 92.4847, 74.9330



80.3862, 92.4847, 120.1064



97.6414, 92.4847, 111.1042

Complementary

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



86.2586, 92.4847, 74.9330



70.2449, 71.7299, 104.7507

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.



94.4418, 92.4847, 124.5426



86.2586, 92.4847, 74.9330



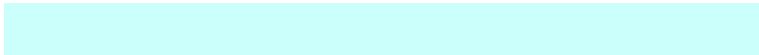
84.4361, 92.4847, 130.0864

Square

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



86.2586, 92.4847, 74.9330



78.3741, 92.4847, 105.5168



89.5701, 92.4847, 131.7855



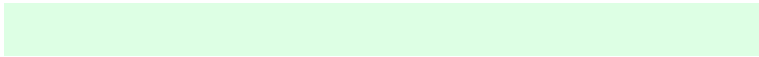
98.1766, 92.4847, 96.0323

Rectangle

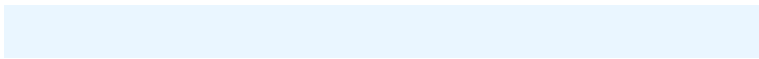
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2586, 92.4847, 74.9330



79.5388, 92.4847, 86.8069



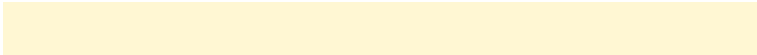
89.5701, 92.4847, 131.7855



96.8360, 92.4847, 116.0019

Sweetspot

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



86.2608, 92.4887, 74.9350



92.3301, 97.7368, 98.2002



77.3299, 72.9676, 77.0734



19.6831, 20.8528, 20.7092



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.



86.2608, 92.4887, 74.9350



84.5701, 90.9672, 68.6374



83.8167, 94.9359, 75.5361



19.2641, 20.4963, 19.0852



33.5219, 35.0551, 4.9995



3.3336, 3.5526, 0.5100

Inverse Universe

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



70.2449, 71.7299, 104.7507



65.5973, 66.3775, 103.9625



72.3757, 69.8065, 104.2671



17.2699, 17.9114, 22.7970



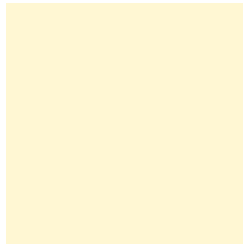
10.0251, 4.9598, 49.8635



1.0448, 0.6203, 4.8779

Previews

White Background



This preview shows how the XYZ color 86.2586, 92.4847, 74.9330 looks on a white background.

Color Contrast Check

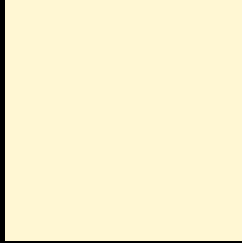
Large Text (above 18pt) WCAG AA × Fail

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 86.2586, 92.4847, 74.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

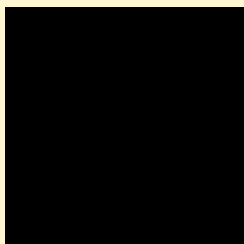
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2586, 92.4847, 74.9330

Background



This preview shows how black text looks on a background with the XYZ color 86.2586, 92.4847, 74.9330.



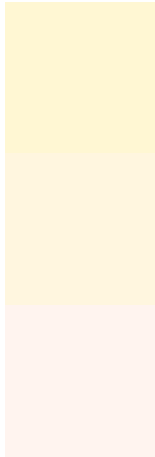
This preview shows how white text looks on a background with the XYZ color 86.2586, 92.4847,

74.9330.

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

86.2586, 92.4847, 74.9330

Protanopia

87.5151, 92.4992, 83.0536

Deuteranopia

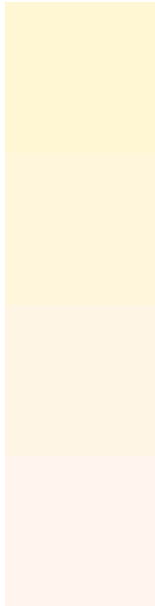
89.1707, 92.1934, 94.7567



Tritanopia

91.1800, 92.5169, 106.8178

Trichromacy



Original Color

86.2586, 92.4847, 74.9330

Protanomaly

86.9820, 92.2860, 80.2464

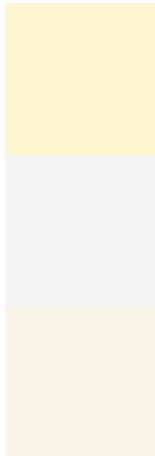
Deuteranomaly

88.0353, 92.2220, 87.2894

Tritanomaly

89.0233, 92.1344, 93.9806

Monochromacy



Original Color

86.2586, 92.4847, 74.9330

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.7307, 91.9345, 90.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2586, 92.4847, 74.9330 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(255, 247, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 211)  
}
```

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(255, 247, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 211) }
```

Border

The CSS property to change the border of an element to XYZ 86.2586, 92.4847, 74.9330 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(255, 247, 211) }
```


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

```
.border{ border-color:rgb(255, 247, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2586, 92.4847, 74.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 211) }
```

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

```
.background{ background-color: rgb(255,  
247, 211) }
```

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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