

Converting Colors

XYZ(86.4531, 94.3465, 84.1804)

Have a look what the booklet for
XYZ(86.4531, 94.3465, 84.1804)
contains.

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Color

**XYZ(86.3095, 94.1503,
84.1448)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FBE0
RGB	247, 251, 224
RGB Percent	97%, 98%, 88%
CMY	0.0314, 0.0157, 0.1216
CMYK	0.02, 0.00, 0.11, 0.02
HSL	69°, 77%, 93%
HSV	69°, 11%, 98%
XYZ	86.3095, 94.1503, 84.1448
YIQ	246.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

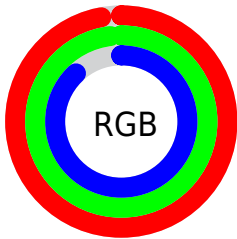
Format	Color
RYB	224, 251, 228
Decimal	16251872
CIELab	97.69, -5.87, 12.49
CIELCh	98, 13.798, 115.180
Yxy	94.1503, 0.3262, 0.3558
Android (android.graphics.Color)	4294441952 (0xFFFF7FBE0)
YUV	246.7260, -11.2039, 0.2403
Hunter-Lab	97.0311, -11.0280, 16.5058

Details

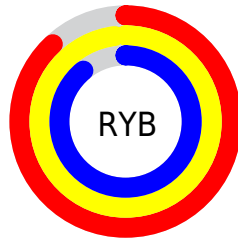
The XYZ color **86.3095, 94.1503, 84.1448** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **76.0667, 76.7728, 102.0812**, and the grayscale version is **88.2723, 92.8693, 101.1346**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1624, 52.9712, 45.2221** is the 20% darker color. If you saturate the color by 10%, you get **81.8548, 92.2214, 67.4590**, and if you desaturate by 10%, it is **91.2981, 96.3020, 103.4826**.

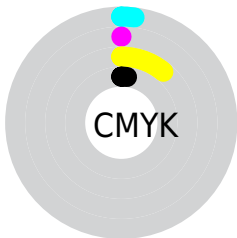
Distribution



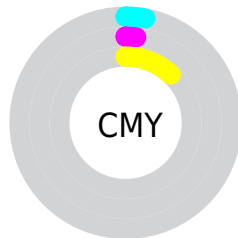
- Red (97%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (98%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3095, 94.1503, 84.1448 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 86.3095, 94.1503, 84.1448 by changing the saturation by 10% instead.


 86.3095, 94.1503,
84.1448

 86.3095, 94.1503,
84.1448


504.3698,
541.4412, 528.8646

 65.2501, 71.4280,
62.5889


141.1059,
153.0902, 141.0412

 47.9293, 52.6915,
45.0699


175.5736,
190.0765, 177.2189

 33.9819, 37.5566,
31.1691


215.2414,
232.5864, 219.1075

 23.0425, 25.6387,
20.4681

260.4747,
281.0040, 267.1257

 14.7458, 16.5536,
12.5483

311.6389,
335.7139, 321.6919

 8.7263, 9.9167,
6.9912

369.0992,

 4.6188, 5.3438,

397.1005, 383.2248

3.3782

433.2211,
465.5481, 452.1428

■ 2.0578, 2.4503,
1.2909

■ 0.6661, 0.8516,
0.0543

■ 86.3095, 94.1503,
84.1448

■ 86.3095, 94.1503,
84.1448

■ 81.8548, 92.2214,
67.4590

■ 91.2981, 96.3020,
103.4826

■ 77.9043, 90.4940,
53.3037

■ 93.5856, 97.3732,
108.4702

■ 74.4368, 88.9629,
41.5567

■ 93.7891, 97.4781,
108.4797

■ 71.4267, 87.6177,
32.0836

■ 68.8457, 86.4470,
24.7366

■ 66.6623, 85.4384,
19.3506

■ 64.8404, 84.5773,
15.7362

■ 63.3368, 83.8464,
13.6668

■ 62.1668, 83.2613,
12.7945

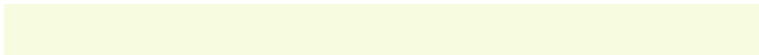
Harmonies

Analogous

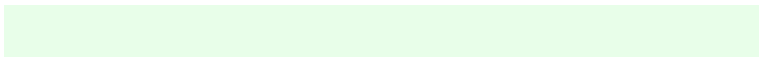
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1237, 94.1503, 82.4205



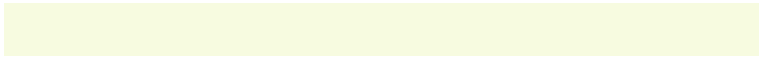
86.3095, 94.1503, 84.1448



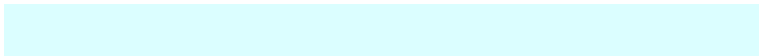
83.4241, 94.1503, 90.6432

Triad

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



86.3095, 94.1503, 84.1448



85.2401, 94.1503, 121.3317



97.2322, 94.1503, 104.3434

Complementary

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



86.3095, 94.1503, 84.1448



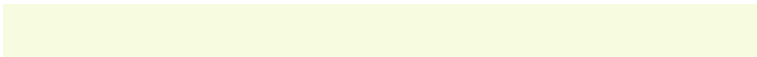
76.0667, 76.7728, 102.0812

Split Complementary

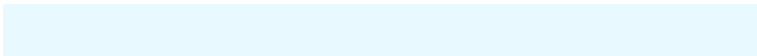
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8368, 94.1503, 115.3777



86.3095, 94.1503, 84.1448



88.8534, 94.1503, 125.6327

Square

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



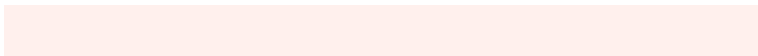
86.3095, 94.1503, 84.1448



82.8195, 94.1503, 112.0024



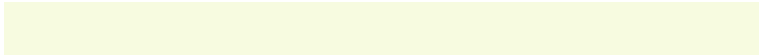
92.7416, 94.1503, 123.3783



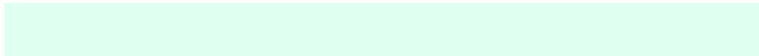
96.5032, 94.1503, 93.5766

Rectangle

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



86.3095, 94.1503, 84.1448



82.3770, 94.1503, 97.0757



92.7416, 94.1503, 123.3783



96.9949, 94.1503, 108.1510

Sweetspot

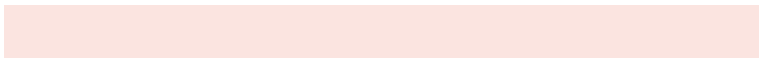
The Sweet Spot groups the original color and five complimentary colors.



86.3121, 94.1544, 84.1468



93.4264, 99.3025, 102.5223



80.8748, 81.1606, 81.9253



19.9061, 21.2157, 21.5884



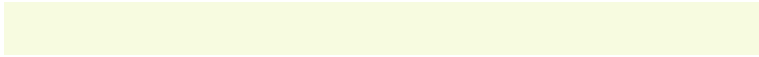
0.0000, 0.0000, 0.0000



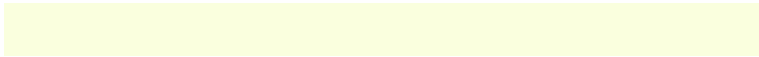
20.3446, 21.4041, 23.3091

Same Dimension

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



86.3121, 94.1544, 84.1468



88.3791, 97.1254, 83.0909



81.8538, 91.8561, 83.9382



18.4596, 20.0527, 18.3600



32.7738, 43.8138, 6.7295



3.1020, 4.0922, 0.6264

Inverse Universe

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



76.0667, 76.7728, 102.0812



75.7363, 75.6758, 105.2229



80.3810, 78.9969, 102.2831



16.5226, 16.7665, 21.7507



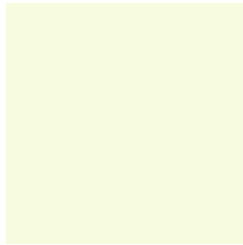
9.6312, 3.9078, 48.2202



0.9613, 0.3976, 4.4693

Previews

White Background



This preview shows how the XYZ color 86.3095, 94.1503, 84.1448 looks on a white background.

Color Contrast Check

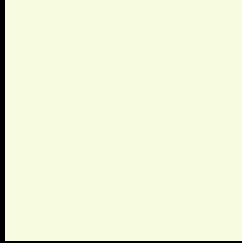
Large Text (above 18pt) WCAG AA × Fail

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 86.3095, 94.1503, 84.1448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

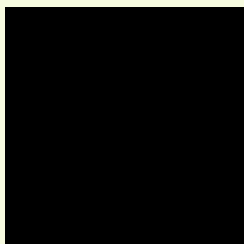
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

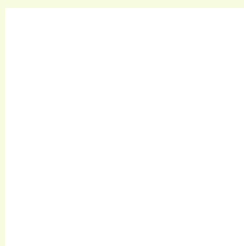
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3095, 94.1503, 84.1448

Background



This preview shows how black text looks on a background with the XYZ color 86.3095, 94.1503, 84.1448.



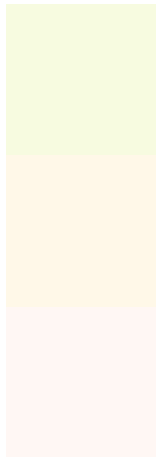
This preview shows how white text looks on a background with the XYZ color 86.3095, 94.1503,

84.1448.

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

86.3095, 94.1503, 84.1448

Protanopia

89.3729, 94.2210, 89.8199

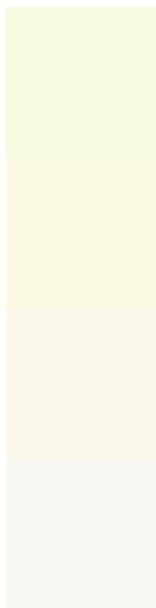
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

90.7351, 94.0655, 107.9820

Trichromacy



Original Color

86.3095, 94.1503, 84.1448

Protanomaly

88.1634, 94.1040, 87.6459

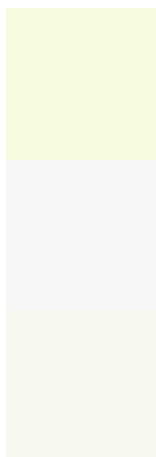
Deuteranomaly

88.9983, 93.9447, 93.5632

Tritanomaly

88.9635, 93.8062, 99.0055

Monochromacy



Original Color

86.3095, 94.1503, 84.1448

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.5052, 93.1410, 95.0273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3095, 94.1503, 84.1448 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(247, 251, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 224)  
}
```

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(247, 251, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 224) }
```

Border

The CSS property to change the border of an element to XYZ 86.3095, 94.1503, 84.1448 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(247, 251, 224) }
```


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

```
.border{ border-color:rgb(247, 251, 224) }
```

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

Here you see how a box with a 4 pixel rgb(247, 251, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3095, 94.1503, 84.1448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 224) }
```

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

```
.background{ background-color: rgb(247,  
251, 224) }
```

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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