

Converting Colors

XYZ(87.3317, 94.5034, 79.7724)

Have a look what the booklet for
XYZ(87.3317, 94.5034, 79.7724)
contains.

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Color

**XYZ(87.3485, 94.3158,
79.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFADA
RGB	253, 250, 218
RGB Percent	99%, 98%, 85%
CMY	0.0078, 0.0196, 0.1451
CMYK	0.00, 0.01, 0.14, 0.01
HSL	55°, 90%, 92%
HSV	55°, 14%, 99%
XYZ	87.3485, 94.3158, 79.9307
YIQ	247.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

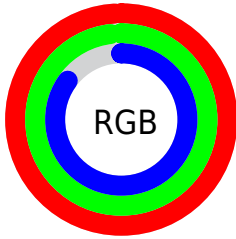
Format	Color
R_{YB}	221, 253, 218
Decimal	16644826
CIE Lab	97.76, -4.22, 15.72
CIE LCh	98, 16.275, 105.036
Yxy	94.3158, 0.3339, 0.3605
Android (android.graphics.Color)	4294834906 (0xFFFDFA)
YUV	247.2490, -14.4198, 5.0436
Hunter-Lab	97.1163, -9.4068, 19.1833

Details

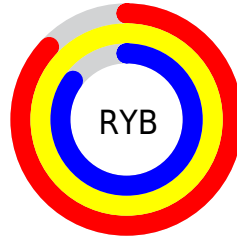
The XYZ color **87.3485, 94.3158, 79.9307** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.4994, 73.7088, 103.3354**, and the grayscale version is **88.7196, 93.3400, 101.6472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6676, 52.9637, 42.3083** is the 20% darker color. If you saturate the color by 10%, you get **83.6194, 91.7571, 63.5816**, and if you desaturate by 10%, it is **91.5958, 97.1004, 98.9480**.

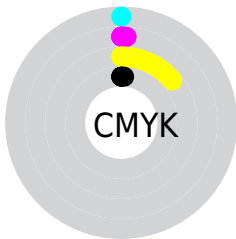
Distribution



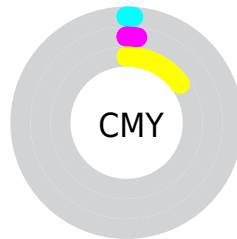
- Red (99%)
- Green (98%)
- Blue (85%)



- Red (87%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3485, 94.3158, 79.9307 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 87.3485, 94.3158, 79.9307 by changing the saturation by 10% instead.


 87.3485, 94.3158,
79.9307

 87.3485, 94.3158,
79.9307


507.7347,
541.9723, 514.3999

 66.1126, 71.5656,
59.1355


142.5470,
153.3190, 135.0788

 48.6319, 52.8039,
42.3015


177.2403,
190.3409, 170.2688

 34.5409, 37.6463,
29.0101


217.1501,
232.8887, 211.0941

 23.4743, 25.7083,
18.8428

262.6419,
281.3470, 257.9734

 15.0667, 16.6055,
11.3811

314.0808,
336.1001, 311.3250

 8.9529, 9.9536,
6.2064

371.8324,

 4.7673, 5.3682,

397.5324, 371.5676

2.9002

436.2619,
466.0284, 439.1197

■ 2.1447, 2.4649,
1.0439

■ 0.7134, 0.8590,
0.0000

■ 87.3485, 94.3158,
79.9307

■ 87.3485, 94.3158,
79.9307

■ 83.6194, 91.7571,
63.5816

■ 91.5958, 97.1004,
98.9480

■ 80.3781, 89.4027,
49.7743

■ 94.1068, 99.1998,
108.7953

■ 77.6024, 87.2468,
38.3815

■ 94.3183, 99.6228,
108.8658

■ 75.2657, 85.2787,
29.2621

■ 73.3383, 83.4866,
22.2605

■ 71.7869, 81.8570,
17.2019

■ 70.5730, 80.3745,
13.8830

■ 69.6495, 79.0202,
12.0562

■ 69.1831, 78.2324,
11.4540

Harmonies

Analogous

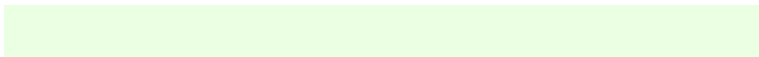
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9690, 94.3158, 79.9236



87.3485, 94.3158, 79.9307



83.4757, 94.3158, 85.6673

Triad

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



87.3485, 94.3158, 79.9307



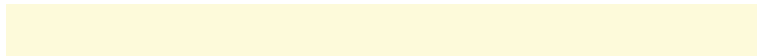
83.4833, 94.3158, 121.8646



98.5474, 94.3158, 109.4372

Complementary

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



87.3485, 94.3158, 79.9307



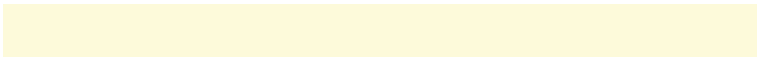
72.4994, 73.7088, 103.3354

Split Complementary

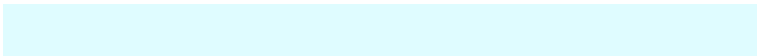
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1096, 94.3158, 121.8390



87.3485, 94.3158, 79.9307



87.3592, 94.3158, 129.4238

Square

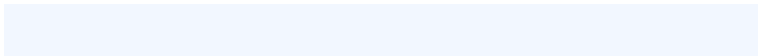
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3485, 94.3158, 79.9307



81.2971, 94.3158, 109.4697



91.9801, 94.3158, 129.4140



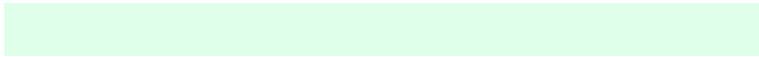
98.5442, 94.3158, 96.2036

Rectangle

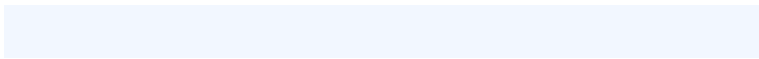
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3485, 94.3158, 79.9307



81.7931, 94.3158, 92.2781



91.9801, 94.3158, 129.4140



97.9826, 94.3158, 113.8653

Sweetspot

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



87.3510, 94.3200, 79.9327



93.1731, 98.8048, 100.3867



78.6984, 76.2739, 79.3322



19.8694, 21.1011, 21.1551



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

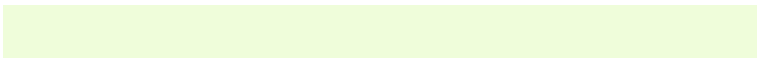
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3510, 94.3200, 79.9327



87.6676, 95.1720, 75.8056



83.3778, 93.6641, 80.0155



19.4205, 20.8091, 19.1373



36.8565, 41.7243, 6.1110



3.6261, 4.1376, 0.6075

Inverse Universe

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



72.4994, 73.7088, 103.3354



69.4926, 69.9491, 104.4466



76.0809, 74.3918, 103.2784



17.1279, 17.6274, 22.7496



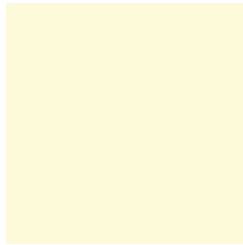
9.6222, 4.1541, 49.7293



0.9775, 0.4857, 4.8555

Previews

White Background



This preview shows how the XYZ color 87.3485, 94.3158, 79.9307 looks on a white background.

Color Contrast Check

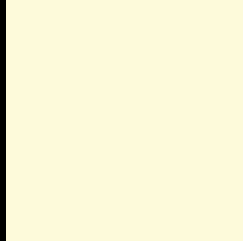
Large Text (above 18pt) WCAG AA × Fail

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 87.3485, 94.3158, 79.9307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

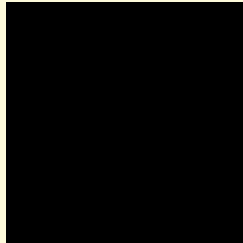
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3485, 94.3158, 79.9307

Background



This preview shows how black text looks on a background with the XYZ color 87.3485, 94.3158, 79.9307.

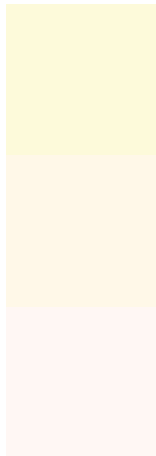


This preview shows how white text looks on a background with the XYZ color 87.3485, 94.3158,

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

87.3485, 94.3158, 79.9307

Protanopia

89.3729, 94.2210, 89.8199

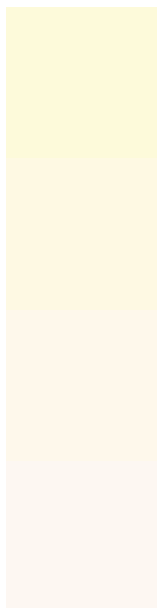
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

91.5138, 94.0142, 107.9310

Trichromacy



Original Color

87.3485, 94.3158, 79.9307

Protanomaly

88.6139, 94.3682, 86.2175

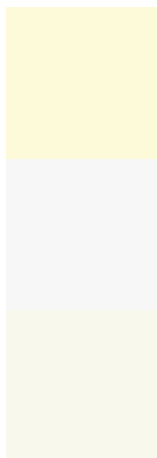
Deuteranomaly

89.4358, 94.2038, 92.0666

Tritanomaly

89.7958, 93.8150, 97.3798

Monochromacy



Original Color

87.3485, 94.3158, 79.9307

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.7746, 93.3307, 92.7453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3485, 94.3158, 79.9307 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(253, 250, 218)` looks like.

```
.text, #text, p{  
    color:rgb(253, 250, 218)  
}
```

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(253, 250, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 250, 218) }
```

Border

The CSS property to change the border of an element to XYZ 87.3485, 94.3158, 79.9307 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(253, 250, 218) }
```


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

```
.border{ border-color:rgb(253, 250, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 250, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 250, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 250, 218);  
box-shadow:4px 4px 4px 4px rgb(253, 250,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3485, 94.3158, 79.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 250, 218) }
```

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

```
.background{ background-color: rgb(253,  
250, 218) }
```

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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