

Converting Colors

XYZ(85.4410, 91.5554, 79.7718)

Have a look what the booklet for
XYZ(85.4410, 91.5554, 79.7718)
contains.

XYZ(85.3943, 91.4827, 79.4868)	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(85.3943, 91.4827,
79.4868)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF6DA
RGB	251, 246, 218
RGB Percent	98%, 96%, 85%
CMY	0.0157, 0.0353, 0.1451
CMYK	0.00, 0.02, 0.13, 0.02
HSL	51°, 80%, 92%
HSV	51°, 13%, 98%
XYZ	85.3943, 91.4827, 79.4868
YIQ	244.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

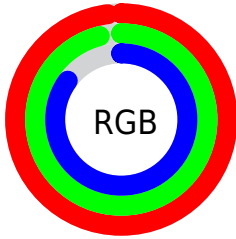
Format	Color
RYB	224, 251, 218
Decimal	16512730
CIELab	96.61, -2.92, 14.07
CIELCh	97, 14.367, 101.706
Yxy	91.4827, 0.3331, 0.3568
Android (android.graphics.Color)	4294702810 (0xFFFBF6DA)
YUV	244.3030, -12.9674, 5.8733
Hunter-Lab	95.6466, -8.0148, 17.6798

Details

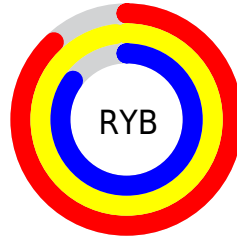
The XYZ color **85.3943, 91.4827, 79.4868** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.7135, 74.6444, 101.8430**, and the grayscale version is **86.3276, 90.8234, 98.9067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2724, 50.9406, 41.9913** is the 20% darker color. If you saturate the color by 10%, you get **81.2124, 87.9828, 63.0967**, and if you desaturate by 10%, it is **90.1022, 95.2369, 98.5084**.

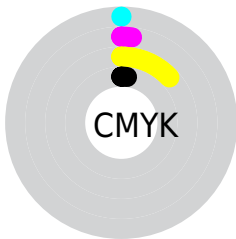
Distribution



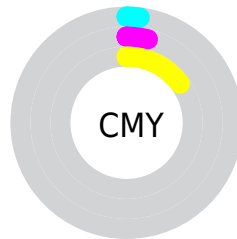
- Red (98%)
- Green (96%)
- Blue (85%)



- Red (88%)
- Yellow (98%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3943, 91.4827, 79.4868 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 85.3943, 91.4827, 79.4868 by changing the saturation by 10% instead.


 85.3943, 91.4827,
79.4868

 85.3943, 91.4827,
79.4868

501.3959,
532.8423, 512.8627

 64.4908, 69.2110,
58.7725


139.8351,
149.3962, 134.4488

 47.3115, 50.8836,
42.0112


174.1032,
185.8069, 169.5336

 33.4909, 36.1160,
28.7844


213.5568,
227.6993, 210.2456

 22.6638, 24.5238,
18.6736

258.5614,
275.4580, 257.0033

 14.4648, 15.7226,
11.2603

309.4822,
329.4672, 310.2254

 8.5285, 9.3281,
6.1258

366.6847,

 4.4896, 4.9558,

390.1114, 370.3303

2.8517

430.5341,
457.7750, 437.7365

■ 1.9827, 2.2213,
1.0194

■ 0.6242, 0.7316,
0.0000

■ 85.3943, 91.4827,
79.4868

■ 85.3943, 91.4827,
79.4868

■ 81.2124, 87.9828,
63.0967

■ 90.1022, 95.2369,
98.5084

■ 77.5268, 84.7160,
49.2147

■ 93.1504, 98.3623,
108.6840

■ 74.3157, 81.6763,
37.7165

■ 93.5940, 99.2494,
108.8319

■ 71.5530, 78.8531,
28.4646

■ 69.2096, 76.2347,
21.3075

■ 67.2533, 73.8077,
16.0752

■ 65.6464, 71.5569,
12.5708

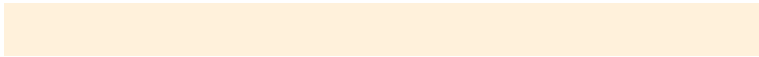
■ 64.3435, 69.4640,
10.5552

■ 63.5805, 68.1025,
9.7940

Harmonies

Analogous

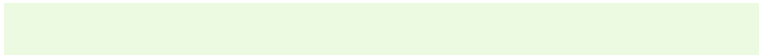
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3978, 91.4827, 80.0539



85.3943, 91.4827, 79.4868



81.9149, 91.4827, 83.9953

Triad

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



85.3943, 91.4827, 79.4868



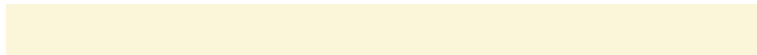
81.3135, 91.4827, 115.0577



94.4907, 91.4827, 106.7126

Complementary

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



85.3943, 91.4827, 79.4868



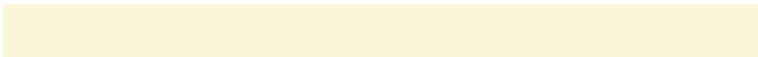
72.7135, 74.6444, 101.8430

Split Complementary

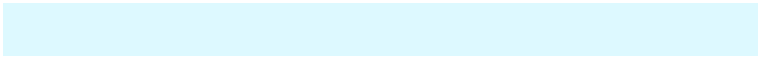
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1905, 91.4827, 117.0470



85.3943, 91.4827, 79.4868



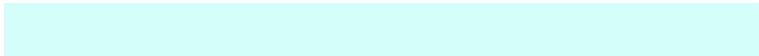
84.5504, 91.4827, 122.1147

Square

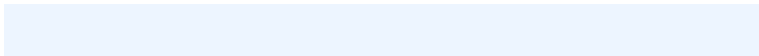
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



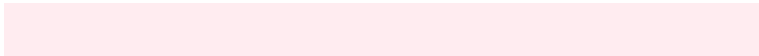
85.3943, 91.4827, 79.4868



79.6078, 91.4827, 104.1636



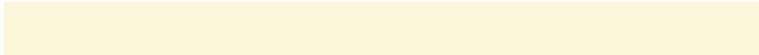
88.5276, 91.4827, 122.8695



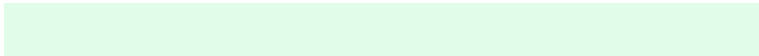
94.7336, 91.4827, 95.1894

Rectangle

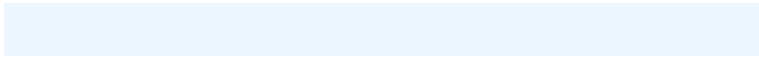
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3943, 91.4827, 79.4868



80.3283, 91.4827, 89.4910



88.5276, 91.4827, 122.8695



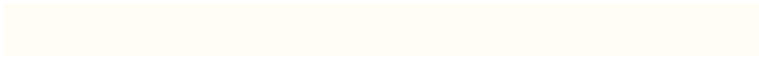
93.9292, 91.4827, 110.4626

Sweetspot

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



85.3968, 91.4867, 79.4888



92.9604, 98.3793, 100.3158



78.2429, 76.0080, 80.7144



19.8154, 20.9930, 21.1370



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.



85.3968, 91.4867, 79.4888



87.2246, 93.7682, 77.2542



83.0882, 92.5825, 79.8219



18.4904, 19.7167, 18.2936



33.5067, 35.9700, 5.1769



3.1620, 3.4488, 0.4990

Inverse Universe

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



72.7135, 74.6444, 101.8430



71.5318, 72.9300, 104.9145



74.7982, 73.7671, 101.5638



16.4951, 17.0670, 21.8102



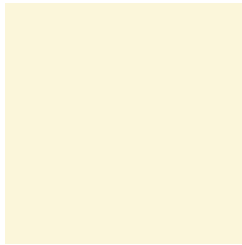
9.5815, 4.5185, 48.3407



0.9482, 0.5402, 4.4975

Previews

White Background



This preview shows how the XYZ color 85.3943, 91.4827, 79.4868 looks on a white background.

Color Contrast Check

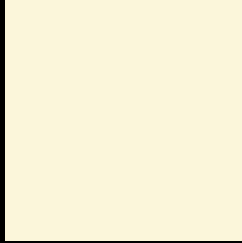
Large Text (above 18pt) WCAG AA × Fail

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 85.3943, 91.4827, 79.4868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

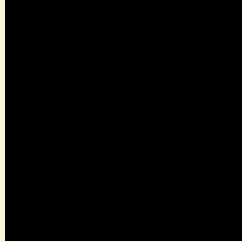
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3943, 91.4827, 79.4868

Background



This preview shows how black text looks on a background with the XYZ color 85.3943, 91.4827, 79.4868.



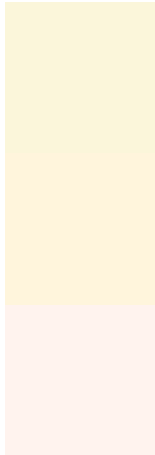
This preview shows how white text looks on a background with the XYZ color 85.3943, 91.4827,

79.4868.

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

85.3943, 91.4827, 79.4868

Protanopia

86.8107, 91.7321, 80.8408

Deuteranopia

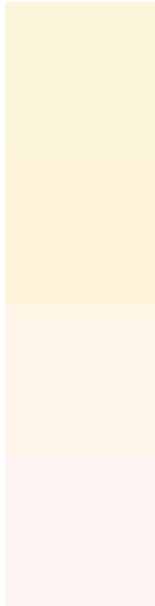
88.7232, 91.5342, 93.8806



Tritanopia

90.3101, 91.6069, 107.5298

Trichromacy



Original Color

85.3943, 91.4827, 79.4868

Protanomaly

86.3116, 91.4901, 80.1281

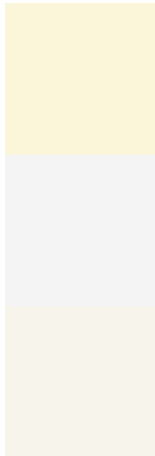
Deuteranomaly

87.6475, 91.5417, 88.6511

Tritanomaly

88.2225, 91.2074, 96.9594

Monochromacy



Original Color

85.3943, 91.4827, 79.4868

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.0056, 91.0771, 91.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3943, 91.4827, 79.4868 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(251, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 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(251, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 218) }
```

Border

The CSS property to change the border of an element to XYZ 85.3943, 91.4827, 79.4868 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(251, 246, 218) }
```


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

```
.border{ border-color:rgb(251, 246, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 246, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3943, 91.4827, 79.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 246, 218) }
```

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

```
.background{ background-color: rgb(251,  
246, 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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