

Converting Colors

XYZ(86.2946, 93.4672, 81.1418)

Have a look what the booklet for
XYZ(86.2946, 93.4672, 81.1418)
contains.

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Color

**XYZ(86.2183, 93.2427,
81.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF9DC
RGB	250, 249, 220
RGB Percent	98%, 98%, 86%
CMY	0.0196, 0.0235, 0.1372
CMYK	0.00, 0.00, 0.12, 0.02
HSL	58°, 75%, 92%
HSV	58°, 12%, 98%
XYZ	86.2183, 93.2427, 81.1636
YIQ	245.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

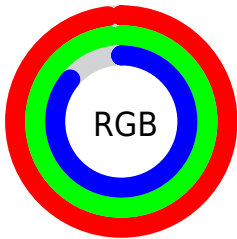
Format	Color
R_{YB}	221, 250, 220
Decimal	16447964
CIE _{Lab}	97.33, -4.46, 14.05
CIE _{LCh}	97, 14.740, 107.618
Yxy	93.2427, 0.3308, 0.3578
Android (android.graphics.Color)	4294638044 (0xFFFAF9DC)
YUV	245.9930, -12.8145, 3.5141
Hunter-Lab	96.5623, -9.6053, 17.7585

Details

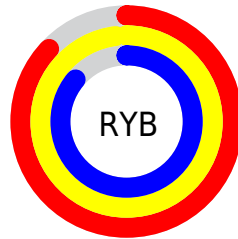
The XYZ color **86.2183, 93.2427, 81.1636** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.6268, 73.8293, 100.8659**, and the grayscale version is **87.6887, 92.2553, 100.4661**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8538, 52.1940, 43.1496** is the 20% darker color. If you saturate the color by 10%, you get **82.8971, 91.5082, 64.9246**, and if you desaturate by 10%, it is **90.0408, 95.1857, 100.0148**.

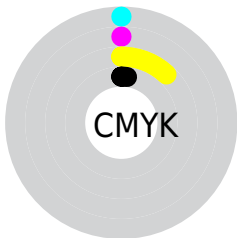
Distribution



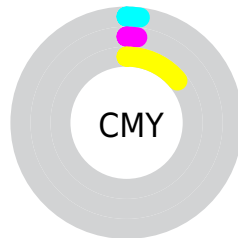
- Red (98%)
- Green (98%)
- Blue (86%)



- Red (87%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2183, 93.2427, 81.1636 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 86.2183, 93.2427, 81.1636 by changing the saturation by 10% instead.


 86.2183, 93.2427,
81.1636

 86.2183, 93.2427,
81.1636


504.0739,
538.5237, 518.6555

 65.1744, 70.6732,
60.1446

140.9793,
151.8346, 136.8266

 47.8677, 52.0756,
43.1091

175.4272,
188.6258, 172.3076

 33.9330, 37.0653,
29.6387


215.0737,
230.9264, 213.4464

 23.0047, 25.2581,
19.3148

260.2842,
279.1207, 260.6615

 14.7177, 16.2694,
11.7188

311.4242,
333.5933, 314.3714

 8.7065, 9.7150,
6.4323

368.8589,

 4.6058, 5.2104,

394.7283, 374.9947

3.0367

432.9537,
462.9104, 442.9498

■ 2.0503, 2.3712,
1.1134

■ 0.6620, 0.8110,
0.0000

■ 86.2183, 93.2427,
81.1636

■ 86.2183, 93.2427,
81.1636

■ 82.8971, 91.5082,
64.9246

■ 90.0408, 95.1857,
100.0148

■ 80.0479, 89.9613,
51.1764

■ 91.8671, 96.3289,
108.3592


■ 77.6496, 88.5964,
39.7970


■ 92.1261, 96.8471,
108.4455


■ 75.6766, 87.4036,
30.6518


■ 92.3863, 97.3675,
108.5323

 74.1008, 86.3714,
23.5926


 92.6477, 97.8902,
108.6194

 72.8906, 85.4872,
18.4535


 92.9102, 98.4152,
108.7069

 72.0099, 84.7366,
15.0432

 93.1738, 98.9424,
108.7948

 71.4146, 84.1020,
13.1312

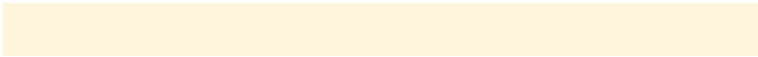
 93.2347, 99.0642,
108.8150

 71.0909, 83.6566,
12.4005

Harmonies

Analogous

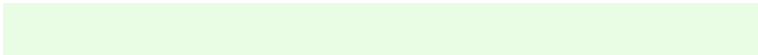
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3558, 93.2427, 80.6966



86.2183, 93.2427, 81.1636



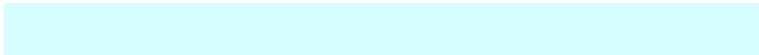
82.8294, 93.2427, 86.8120

Triad

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



86.2183, 93.2427, 81.1636



83.3258, 93.2427, 119.4605



96.6936, 93.2427, 106.5324

Complementary

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



86.2183, 93.2427, 81.1636



72.6268, 73.8293, 100.8659

Split Complementary

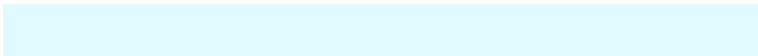
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6835, 93.2427, 117.8140



86.2183, 93.2427, 81.1636



86.9152, 93.2427, 125.6614

Square

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



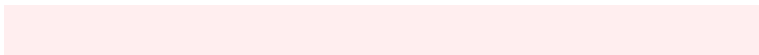
86.2183, 93.2427, 81.1636



81.1958, 93.2427, 108.6396



91.0748, 93.2427, 125.0363



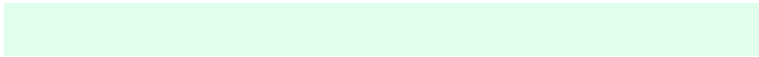
96.4928, 93.2427, 94.7288

Rectangle

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



86.2183, 93.2427, 81.1636



81.4112, 93.2427, 93.0254



91.0748, 93.2427, 125.0363



96.2516, 93.2427, 110.5281

Sweetspot

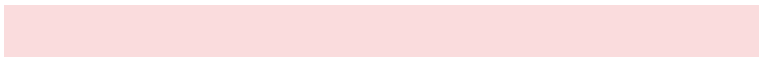
The Sweet Spot groups the original color and five complimentary colors.



86.2208, 93.2468, 81.1656



93.3431, 99.1448, 100.4433



78.0698, 76.7321, 79.1040



19.9126, 21.1875, 21.1695



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

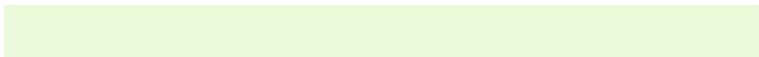
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2208, 93.2468, 81.1656



89.4492, 97.1573, 81.2639



81.6970, 91.3723, 81.0422



18.6752, 20.0862, 18.3551



37.7307, 44.4181, 6.5849



3.5096, 4.1440, 0.6149

Inverse Universe

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



72.6268, 73.8293, 100.8659



73.0741, 73.7674, 104.9948



76.7814, 75.5823, 100.9853



16.3292, 16.7352, 21.7549



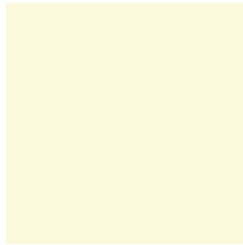
9.2207, 3.7969, 48.2205



0.8697, 0.3831, 4.4713

Previews

White Background



This preview shows how the XYZ color 86.2183, 93.2427, 81.1636 looks on a white background.

Color Contrast Check

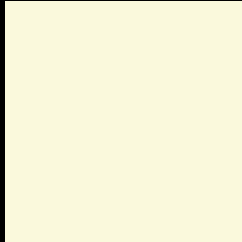
Large Text (above 18pt) WCAG AA × Fail

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 86.2183, 93.2427, 81.1636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

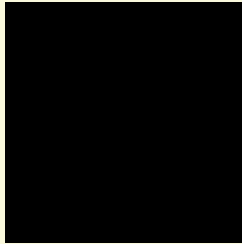
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2183, 93.2427, 81.1636

Background



This preview shows how black text looks on a background with the XYZ color 86.2183, 93.2427, 81.1636.



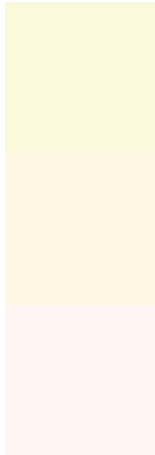
This preview shows how white text looks on a background with the XYZ color 86.2183, 93.2427,

81.1636.

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

86.2183, 93.2427, 81.1636

Protanopia

88.5044, 93.3830, 86.7588

Deuteranopia

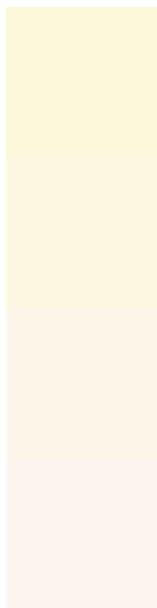
89.9194, 92.9756, 97.2112



Tritanopia

90.8473, 93.2203, 107.8129

Trichromacy



Original Color

86.2183, 93.2427, 81.1636

Protanomaly

87.6660, 93.4537, 84.6520

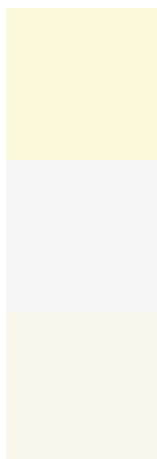
Deuteranomaly

88.3151, 92.7347, 91.0868

Tritanomaly

88.7664, 92.8316, 97.2442

Monochromacy



Original Color

86.2183, 93.2427, 81.1636

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.9046, 92.4101, 93.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2183, 93.2427, 81.1636 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(250, 249, 220) looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 220)  
}
```

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(250, 249, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 220) }
```

Border

The CSS property to change the border of an element to XYZ 86.2183, 93.2427, 81.1636 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(250, 249, 220) }
```


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

```
.border{ border-color:rgb(250, 249, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2183, 93.2427, 81.1636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 220) }
```

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

```
.background{ background-color: rgb(250,  
249, 220) }
```

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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