

Converting Colors

XYZ(86.2695, 93.0766, 82.0349)

Have a look what the booklet for
XYZ(86.2695, 93.0766, 82.0349)
contains.

XYZ(86.3512, 93.2958, 81.8633)	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(86.3512, 93.2958,
81.8633)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF9DD
RGB	250, 249, 221
RGB Percent	98%, 98%, 87%
CMY	0.0196, 0.0235, 0.1333
CMYK	0.00, 0.00, 0.12, 0.02
HSL	58°, 74%, 92%
HSV	58°, 12%, 98%
XYZ	86.3512, 93.2958, 81.8633
YIQ	246.1070, 9.5840, -8.4960

Conversions

Conversions Part 2

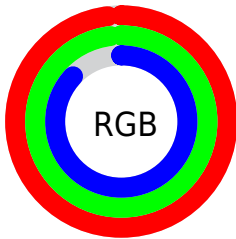
Format	Color
R _Y B	222, 250, 221
Decimal	16447965
CIE Lab	97.35, -4.31, 13.57
CIE LCh	97, 14.233, 107.608
Yxy	93.2958, 0.3302, 0.3568
Android (android.graphics.Color)	4294638045 (0xFFFAF9DD)
YUV	246.1070, -12.3778, 3.4142
Hunter-Lab	96.5898, -9.4531, 17.3624

Details

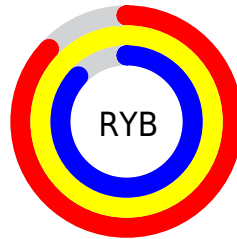
The XYZ color **86.3512, 93.2958, 81.8633** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.1954, 74.5156, 100.9686**, and the grayscale version is **87.7777, 92.3490, 100.5680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9452, 52.2306, 43.6309** is the 20% darker color. If you saturate the color by 10%, you get **83.0018, 91.5358, 65.5191**, and if you desaturate by 10%, it is **90.2030, 95.2648, 100.8242**.

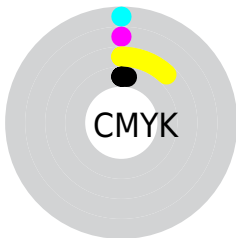
Distribution



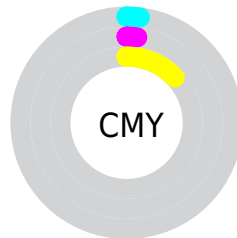
- Red (98%)
- Green (98%)
- Blue (87%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3512, 93.2958, 81.8633 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 86.3512, 93.2958, 81.8633 by changing the saturation by 10% instead.


 86.3512, 93.2958,
81.8633

 86.3512, 93.2958,
81.8633


504.5051,
538.6947, 521.0618

 65.2847, 70.7174,
60.7177


141.1638,
151.9081, 137.8172

 47.9575, 52.1116,
43.5683

175.6405,
188.7107, 173.4627

 34.0043, 37.0940,
29.9966

215.3181,
231.0236, 214.7785

 23.0598, 25.2803,
19.5840

260.5618,
279.2310, 262.1832

 14.7586, 16.2860,
11.9119

311.7370,
333.7175, 316.0953

 8.7354, 9.7268,
6.5619

369.2090,

 4.6247, 5.2182,

394.8673, 376.9334

3.1154

433.3433,
463.0649, 445.1161

■ 2.0613, 2.3758,
1.1539

■ 0.6680, 0.8134,
0.0000

■ 86.3512, 93.2958,
81.8633

■ 86.3512, 93.2958,
81.8633

■ 83.0018, 91.5358,
65.5191

■ 90.2030, 95.2648,
100.8242

■ 80.1252, 89.9638,
51.6706

■ 91.8851, 96.3649,
108.3652

■ 77.7007, 88.5745,
40.1961

■ 92.1533, 96.9013,
108.4546

■ 75.7026, 87.3578,
30.9614

■ 92.4227, 97.4401,
108.5444

74.1029, 86.3023,
23.8190

92.6934, 97.9814,
108.6346

72.8704, 85.3956,
18.6038

92.9652, 98.5251,
108.7252

71.9688, 84.6233,
15.1256

93.2348, 99.0642,
108.8150

71.3549, 83.9679,
13.1561

71.0053, 83.4853,
12.3719

Harmonies

Analogous

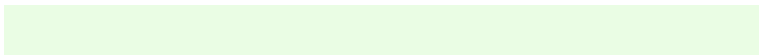
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3484, 93.2958, 81.4115



86.3512, 93.2958, 81.8633



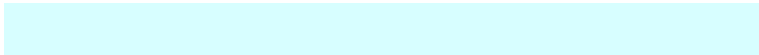
83.0737, 93.2958, 87.3426

Triad

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



86.3512, 93.2958, 81.8633



83.5520, 93.2958, 118.8722



96.4613, 93.2958, 106.4210

Complementary

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



86.3512, 93.2958, 81.8633



73.1954, 74.5156, 100.9686

Split Complementary

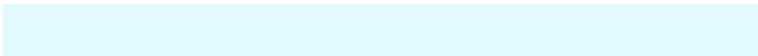
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5223, 93.2958, 117.2934



86.3512, 93.2958, 81.8633



87.0222, 93.2958, 124.8389

Square

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



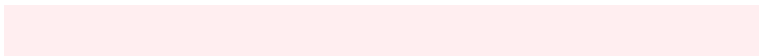
86.3512, 93.2958, 81.8633



81.4915, 93.2958, 108.4460



91.0398, 93.2958, 124.2401



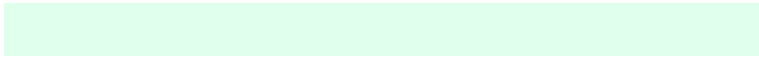
96.2684, 93.2958, 95.0163

Rectangle

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



86.3512, 93.2958, 81.8633



81.7009, 93.2958, 93.3609



91.0398, 93.2958, 124.2401



96.0348, 93.2958, 110.2748

Sweetspot

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



86.3537, 93.2999, 81.8653



93.7589, 99.3497, 102.5139



78.5272, 77.3363, 80.2138



19.9962, 21.2284, 21.5862



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

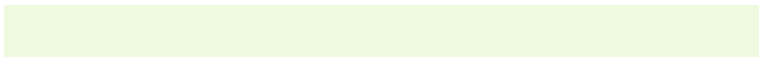
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3537, 93.2999, 81.8653



89.4362, 97.1312, 81.2595



82.1462, 91.5887, 81.7568



18.6733, 20.0825, 18.3545



37.6860, 44.3286, 6.5700



3.5059, 4.1367, 0.6137

Inverse Universe

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



73.1954, 74.5156, 100.9686



73.0850, 73.7891, 104.9985



77.0611, 76.1173, 101.0740



16.3308, 16.7384, 21.7554



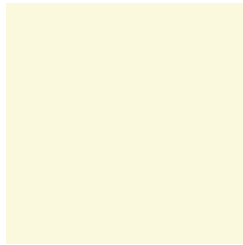
9.2230, 3.8017, 48.2212



0.8705, 0.3847, 4.4715

Previews

White Background



This preview shows how the XYZ color 86.3512, 93.2958, 81.8633 looks on a white background.

Color Contrast Check

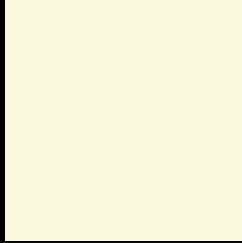
Large Text (above 18pt) WCAG AA × Fail

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 86.3512, 93.2958, 81.8633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

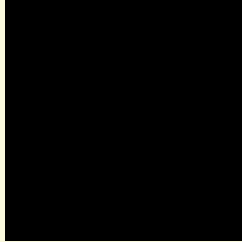
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3512, 93.2958, 81.8633

Background



This preview shows how black text looks on a background with the XYZ color 86.3512, 93.2958, 81.8633.



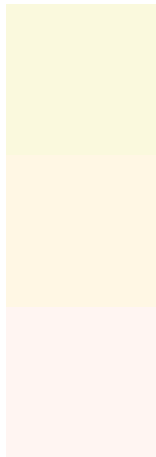
This preview shows how white text looks on a background with the XYZ color 86.3512, 93.2958,

81.8633.

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

86.3512, 93.2958, 81.8633

Protanopia

88.5044, 93.3830, 86.7588

Deuteranopia

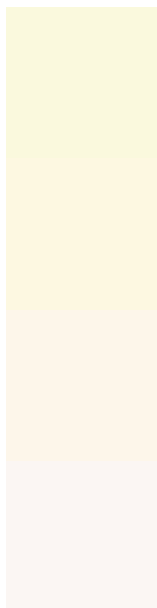
89.9194, 92.9756, 97.2112



Tritanopia

90.8473, 93.2203, 107.8129

Trichromacy



Original Color

86.3512, 93.2958, 81.8633

Protanomaly

87.6660, 93.4537, 84.6520

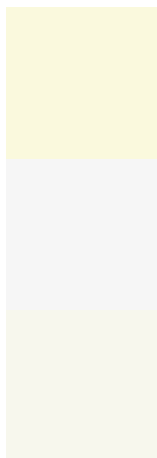
Deuteranomaly

88.3151, 92.7347, 91.0868

Tritanomaly

88.9171, 92.8918, 98.0375

Monochromacy



Original Color

86.3512, 93.2958, 81.8633

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 86.3512, 93.2958, 81.8633 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 221) }
```

Border

The CSS property to change the border of an element to XYZ 86.3512, 93.2958, 81.8633 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, 221) }
```


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

```
.border{ border-color:rgb(250, 249, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3512, 93.2958, 81.8633 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, 221) }
```

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

```
.background{ background-color: rgb(250,  
249, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor