

Converting Colors

XYZ(82.5205, 94.1911, 53.8038)

Have a look what the booklet for
XYZ(82.5205, 94.1911, 53.8038)
contains.

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Color

**XYZ(82.5061, 94.2636,
53.8906)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFEAE
RGB	250, 254, 174
RGB Percent	98%, 100%, 68%
CMY	0.0196, 0.0039, 0.3176
CMYK	0.02, 0.00, 0.31, 0.00
HSL	63°, 98%, 84%
HSV	63°, 31%, 100%
XYZ	82.5061, 94.2636, 53.8906
YIQ	243.6840, 23.2960, -25.7280

Conversions

Conversions Part 2

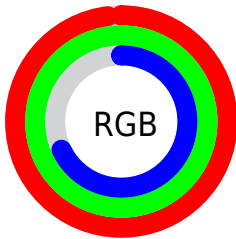
Format	Color
RYB	174, 254, 178
Decimal	16449198
CIELab	97.74, -13.29, 37.90
CIELCh	98, 40.159, 109.320
Yxy	94.2636, 0.3577, 0.4087
Android (android.graphics.Color)	4294639278 (0xFFFAFEAE)
YUV	243.6840, -34.3542, 5.5391
Hunter-Lab	97.0894, -18.2182, 35.0530

Details

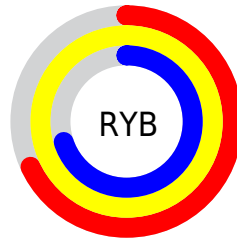
The XYZ color **82.5061, 94.2636, 53.8906** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **51.3892, 46.8953, 100.1146**, and the grayscale version is **85.9914, 90.4696, 98.5214**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **45.4098, 52.6504, 25.8584** is the 20% darker color. If you saturate the color by 10%, you get **79.8070, 93.1348, 42.0380**, and if you desaturate by 10%, it is **85.6813, 95.5898, 68.2134**.

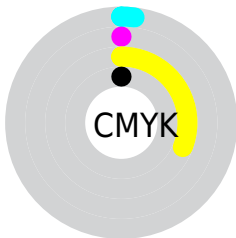
Distribution



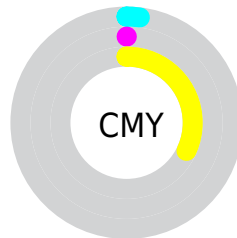
- Red (98%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5061, 94.2636, 53.8906 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 82.5061, 94.2636, 53.8906 by changing the saturation by 10% instead.


 82.5061, 94.2636,
53.8906

 82.5061, 94.2636,
53.8906


491.9479,
541.8048, 418.8555

 62.0983, 71.5222,
38.1216


 135.8156,
153.2468, 97.3684

 45.3680, 52.7685,
25.7745


169.4481,
190.2575, 125.9143

 31.9499, 37.6180,
16.4308


208.2195,
232.7934, 159.5562

 21.4786, 25.6863,
9.6719

252.4951,
281.2389, 198.7127

 13.5888, 16.5891,
5.0792

302.6405,
335.9783, 243.8024

 7.9150, 9.9420,
2.2342

359.0208,

 4.0919, 5.3605,

397.3962, 295.2437

0.6940

422.0015,
465.8769, 353.4552

■ 1.7543, 2.4603,
0.0000

■ 0.4899, 0.8567,
0.0000

■ 82.5061, 94.2636,
53.8906

■ 82.5061, 94.2636,
53.8906

■ 79.8070, 93.1348,
42.0380

■ 85.6813, 95.5898,
68.2134

■ 77.5505, 92.1800,
32.5102

■ 89.3500, 97.1105,
85.1289

■ 75.7097, 91.3920,
25.1561

■ 93.5371, 98.8389,
104.7586

■ 74.2522, 90.7575,
19.8040

■ 94.7339, 99.3677,
108.7946

■ 73.1404, 90.2617,
16.2566

■ 72.3293, 89.8866,
14.2766

■ 71.8174, 89.6390,
13.5169

Harmonies

Analogous

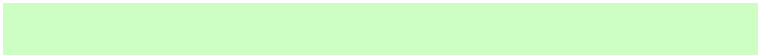
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7374, 94.2636, 52.3063



82.5061, 94.2636, 53.8906



73.9134, 94.2636, 66.7772

Triad

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



82.5061, 94.2636, 53.8906



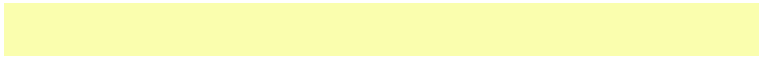
75.9956, 94.2636, 158.2672



113.0191, 94.2636, 114.7722

Complementary

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



82.5061, 94.2636, 53.8906



51.3892, 46.8953, 100.1146

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.



107.3506, 94.2636, 149.4702



82.5061, 94.2636, 53.8906



85.5759, 94.2636, 177.9070

Square

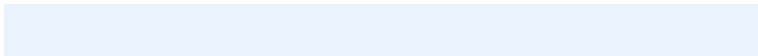
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5061, 94.2636, 53.8906



70.3819, 94.2636, 124.9439



97.0782, 94.2636, 174.3829



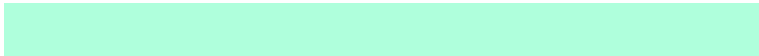
112.0198, 94.2636, 83.1570

Rectangle

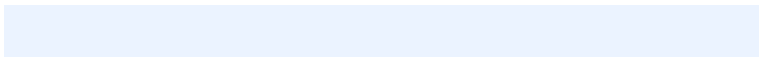
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5061, 94.2636, 53.8906



70.5343, 94.2636, 81.9403



97.0782, 94.2636, 174.3829



111.8124, 94.2636, 126.5548

Sweetspot

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



82.5085, 94.2678, 53.8926



91.1510, 98.3917, 90.5685



64.4366, 55.9701, 47.4529



19.3839, 21.0077, 18.7966



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

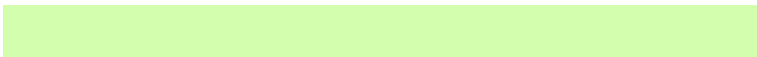
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5085, 94.2678, 53.8926



81.4174, 94.3433, 46.3118



69.6637, 87.6461, 53.2915



19.4660, 21.0417, 19.1798



37.8996, 47.2760, 7.1277



3.7167, 4.6168, 0.6952

Inverse Universe

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



51.3892, 46.8953, 100.1146



45.3885, 39.4894, 99.8377



61.9418, 52.3354, 100.6084



17.0871, 17.4211, 22.7120



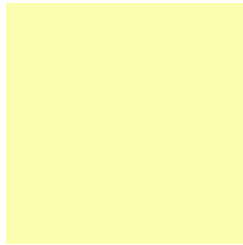
9.5514, 3.8344, 49.6713



0.9583, 0.3879, 4.8376

Previews

White Background



This preview shows how the XYZ color 82.5061, 94.2636, 53.8906 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 82.5061, 94.2636, 53.8906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

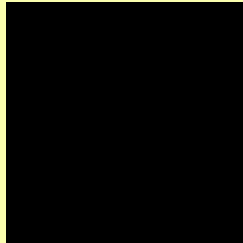
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5061, 94.2636, 53.8906

Background



This preview shows how black text looks on a background with the XYZ color 82.5061, 94.2636, 53.8906.



This preview shows how white text looks on a background with the XYZ color 82.5061, 94.2636, 53.8906.

Color Blindness Simulation

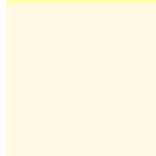
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



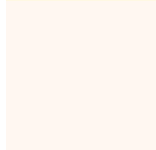
Original Color

82.5061, 94.2636, 53.8906



Protanopia

88.6725, 93.9409, 86.1319



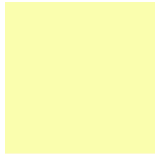
Deuteranopia

90.3779, 94.1324, 96.6250

Tritanopia

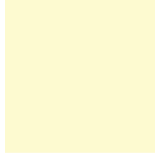
91.8788, 94.2024, 107.9481

Trichromacy



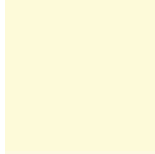
Original Color

82.5061, 94.2636, 53.8906



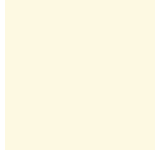
Protanomaly

86.0788, 93.8079, 73.2444



Deuteranomaly

87.2180, 94.2636, 79.2435



Tritanomaly

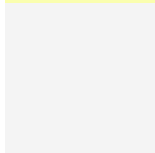
88.1112, 94.1250, 85.4755

Monochromacy



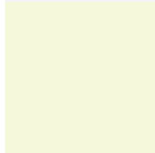
Original Color

82.5061, 94.2636, 53.8906



Achromatopsia

85.9880, 90.4661, 98.5176



Achromatomaly

84.3596, 91.8421, 80.2989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5061, 94.2636, 53.8906 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, 254, 174)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 174)  
}
```

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, 254, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 174) }
```

Border

The CSS property to change the border of an element to XYZ 82.5061, 94.2636, 53.8906 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, 254, 174) }
```


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

```
.border{ border-color:rgb(250, 254, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 254, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 174);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5061, 94.2636, 53.8906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 174) }
```

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

```
.background{ background-color: rgb(250,  
254, 174) }
```

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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