

Converting Colors

XYZ(82.4520, 94.4843, 44.0286)

Have a look what the booklet for
XYZ(82.4520, 94.4843, 44.0286)
contains.

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Color

**XYZ(82.4316, 94.4435,
44.0218)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFE99 |
| RGB | 255, 254, 153 |
| RGB Percent | 100%, 100%, 60% |
| CMY | 0.0000, 0.0039, 0.4000 |
| CMYK | 0.00, 0.00, 0.40, 0.00 |
| HSL | 59°, 100%, 80% |
| HSV | 59°, 40%, 100% |
| XYZ | 82.4316, 94.4435, 44.0218 |
| YIQ | 242.7850, 33.0170, -31.1990 |

Conversions

Conversions Part 2

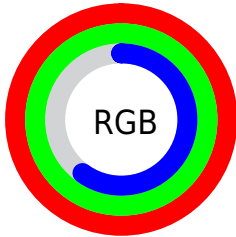
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 154, 255, 153 |
| Decimal | 16776857 |
| CIE _{Lab} | 97.81, -13.74, 48.34 |
| CIE _{LCh} | 98, 50.252, 105.870 |
| Yxy | 94.4435, 0.3732, 0.4275 |
| Android (android.graphics.Color) | 4294966937 (0xFFFFFE99) |
| YUV | 242.7850, -44.2640, 10.7126 |
| Hunter-Lab | 97.1820, -18.6616, 41.1701 |

Details

The XYZ color **82.4316, 94.4435, 44.0218** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.7424, 37.1026, 99.5165**, and the grayscale version is **85.3450, 89.7895, 97.7808**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **45.2925, 52.7229, 19.8460** is the 20% darker color. If you saturate the color by 10%, you get **80.4688, 93.5357, 34.0640**, and if you desaturate by 10%, it is **84.8493, 95.5401, 56.3538**.

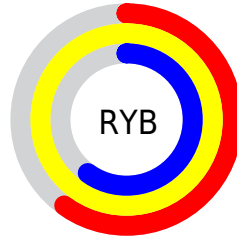
Distribution



Red (100%)

Green (100%)

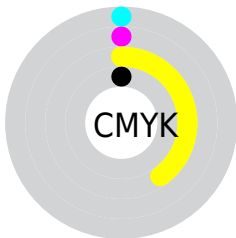
Blue (60%)



Red (60%)

Yellow (100%)

Blue (60%)

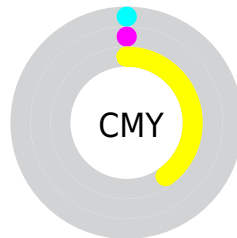


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (0%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4316, 94.4435, 44.0218 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 82.4316, 94.4435, 44.0218 by changing the saturation by 10% instead.


 82.4316, 94.4435,
44.0218


 82.4316, 94.4435,
44.0218


491.7029,
542.3819, 378.8412

 62.0367, 71.6719,
30.3503


 135.7118,
153.4956, 82.5534

 45.3180, 52.8907,
19.8503

 169.3277,
190.5448, 108.2506

 31.9104, 37.7155,
12.1033


208.0814,
233.1220, 138.7934

 21.4483, 25.7620,
6.6907

252.3381,
281.6116, 174.6004

 13.5664, 16.6457,
3.1939

302.4633,
336.3980, 216.0901

 7.8994, 9.9822,
1.1945

358.8222,

 4.0819, 5.3871,

397.8656, 263.6812

0.0000

421.7803,
466.3988, 317.7920

■ 1.7486, 2.4762,
0.0000

■ 0.4864, 0.8647,
0.0000

■ 82.4316, 94.4435,
44.0218

■ 82.4316, 94.4435,
44.0218

■ 80.4688, 93.5357,
34.0640

■ 84.8493, 95.5401,
56.3538

■ 78.9249, 92.7923,
26.3220

■ 87.7412, 96.8233,
71.1929

■ 77.7700, 92.2046,
20.6279

■ 91.1340, 98.3069,
88.6693

■ 76.9670, 91.7579,
16.7868

95.0500, 100.0000,
108.9000

■ 76.4720, 91.4345,
14.5665

■ 76.2128, 91.2056,
13.5877

■ 76.2128, 91.2056,
13.5876

Harmonies

Analogous

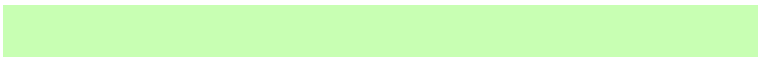
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.6702, 94.4435, 43.6702



82.4316, 94.4435, 44.0218



71.3856, 94.4435, 57.0485

Triad

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



82.4316, 94.4435, 44.0218



71.8950, 94.4435, 170.6015



119.2628, 94.4435, 123.3514

Complementary

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



82.4316, 94.4435, 44.0218



42.7424, 37.1026, 99.5165

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.



111.0575, 94.4435, 168.2361



82.4316, 94.4435, 44.0218



83.1981, 94.4435, 200.0496

Square

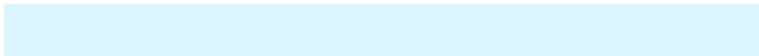
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.4316, 94.4435, 44.0218



65.7595, 94.4435, 125.9850



97.5224, 94.4435, 199.0839



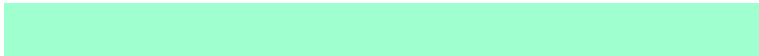
119.0011, 94.4435, 82.7066

Rectangle

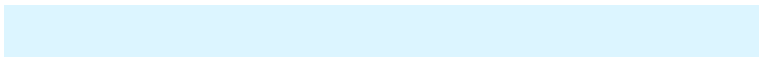
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4316, 94.4435, 44.0218



66.8702, 94.4435, 73.7980



97.5224, 94.4435, 199.0839



117.3684, 94.4435, 138.6309

Sweetspot

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



82.4339, 94.4478, 44.0238



90.4139, 97.9935, 84.9551



58.5232, 46.4000, 36.7513



19.2541, 20.9318, 17.6776



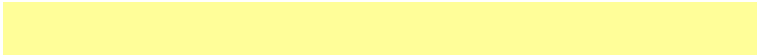
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

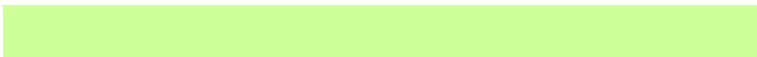
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4339, 94.4478, 44.0238



80.8269, 93.7041, 35.8724



66.8808, 86.8991, 43.3865



19.5452, 21.0586, 19.1789



39.8298, 47.6708, 7.1021



3.8828, 4.6510, 0.6931

Inverse Universe

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



42.7424, 37.1026, 99.5165



36.1562, 29.1668, 98.3319



53.8805, 42.6021, 99.9910



17.0172, 17.4061, 22.7128



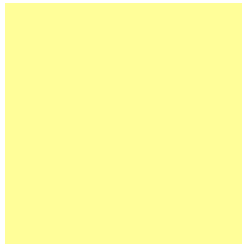
9.4517, 3.8130, 49.6724



0.9251, 0.3808, 4.8380

Previews

White Background



This preview shows how the XYZ color 82.4316, 94.4435, 44.0218 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 82.4316, 94.4435, 44.0218 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 82.4316, 94.4435, 44.0218

Background



This preview shows how black text looks on a background with the XYZ color 82.4316, 94.4435, 44.0218.



This preview shows how white text looks on a background with the XYZ color 82.4316, 94.4435,

Color Blindness Simulation

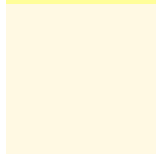
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



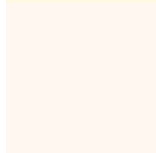
Original Color

82.4316, 94.4435, 44.0218



Protanopia

88.9808, 94.5574, 86.2347



Deuteranopia

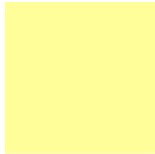
90.2289, 94.0728, 95.8404



Tritanopia

91.9254, 94.2634, 106.2782

Trichromacy



Original Color

82.4316, 94.4435, 44.0218



Protanomaly

86.1625, 94.4245, 68.3281



Deuteranomaly

86.8108, 94.1853, 73.2787



Tritanomaly

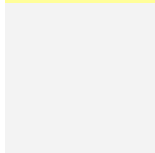
87.6401, 94.0211, 79.1744

Monochromacy



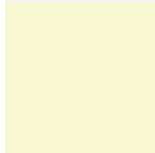
Original Color

82.4316, 94.4435, 44.0218



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.2514, 90.9488, 74.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4316, 94.4435, 44.0218 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(255, 254, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 153)  
}
```

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(255, 254, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 153) }
```

Border

The CSS property to change the border of an element to XYZ 82.4316, 94.4435, 44.0218 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(255, 254, 153) }
```


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

```
.border{ border-color:rgb(255, 254, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4316, 94.4435, 44.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 153) }
```

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

```
.background{ background-color: rgb(255,  
254, 153) }
```

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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