

Converting Colors

XYZ(93.1956, 100.0000,
43.5682)

Have a look what the booklet for
XYZ(93.1956, 100.0000, 43.5682)
contains.

XYZ(82.2677, 94.3780, 43.1590)	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(82.2677, 94.3780,
43.1590)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFE97
RGB	255, 254, 151
RGB Percent	100%, 100%, 59%
CMY	0.0000, 0.0039, 0.4078
CMYK	0.00, 0.00, 0.41, 0.00
HSL	59°, 100%, 80%
HSV	59°, 41%, 100%
XYZ	82.2677, 94.3780, 43.1590
YIQ	242.5570, 33.6590, -31.8210

Conversions

Conversions Part 2

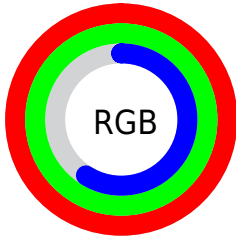
Format	Color
R_{YB}	152, 255, 151
Decimal	16776855
CIE Lab	97.78, -13.94, 49.26
CIE LCh	98, 51.200, 105.804
Yxy	94.3780, 0.3743, 0.4294
Android (android.graphics.Color)	4294966935 (0xFFFFFE97)
YUV	242.5570, -45.1376, 10.9125
Hunter-Lab	97.1483, -18.8512, 41.6637

Details

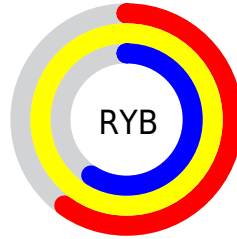
The XYZ color **82.2677, 94.3780, 43.1590** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.0406, 36.2548, 99.3896**, and the grayscale version is **85.1699, 89.6054, 97.5802**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **45.1968, 52.6847, 19.3423** is the 20% darker color. If you saturate the color by 10%, you get **80.3405, 93.4869, 33.3813**, and if you desaturate by 10%, it is **84.6475, 95.4570, 55.2994**.

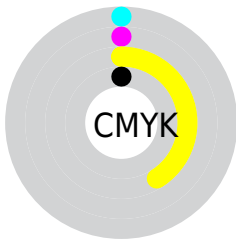
Distribution



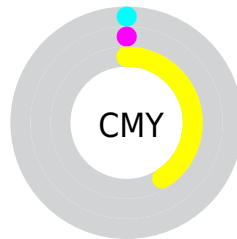
- Red (100%)
- Green (100%)
- Blue (59%)



- Red (60%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.2677, 94.3780, 43.1590 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 82.2677, 94.3780, 43.1590 by changing the saturation by 10% instead.


 82.2677, 94.3780,
43.1590


 82.2677, 94.3780,
43.1590


491.1636,
542.1718, 375.2057

 61.9011, 71.6174,
29.6776


 135.4832,
153.4050, 81.2397

 45.2081, 52.8462,
19.3440


 169.0628,
190.4402, 106.6760

 31.8233, 37.6800,
11.7398


207.7774,
233.0024, 136.9343

 21.3815, 25.7344,
6.4464

251.9925,
281.4759, 172.4333

 13.5172, 16.6251,
3.0452

302.0733,
336.2452, 213.5913

 7.8651, 9.9675,
1.1178

358.3851,

 4.0598, 5.3774,

397.6947, 260.8271

0.0000

421.2935,
466.2088, 314.5590

■ 1.7360, 2.4704,
0.0000

■ 0.4787, 0.8617,
0.0000

■ 82.2677, 94.3780,
43.1590

■ 82.2677, 94.3780,
43.1590

■ 80.3405, 93.4869,
33.3813

■ 84.6475, 95.4570,
55.2994

■ 78.8299, 92.7593,
25.8069

■ 87.4996, 96.7217,
69.9364

■ 77.7055, 92.1863,
20.2660

■ 90.8508, 98.1862,
87.2010

■ 76.9300, 91.7530,
16.5615

■ 94.7238, 99.8597,
107.2133

■ 76.4584, 91.4414, 95.0499, 100.0000,
14.4575 108.9000

■ 76.2280, 91.2361,
13.5927

Harmonies

Analogous

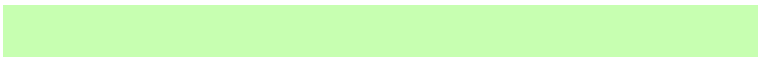
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7709, 94.3780, 42.8320



82.2677, 94.3780, 43.1590



71.0315, 94.3780, 56.2593

Triad

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



82.2677, 94.3780, 43.1590



71.5099, 94.3780, 171.9132



119.7883, 94.3780, 123.7824

Complementary

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



82.2677, 94.3780, 43.1590



42.0406, 36.2548, 99.3896

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.



111.3904, 94.3780, 169.6725



82.2677, 94.3780, 43.1590



82.9888, 94.3780, 202.1615

Square

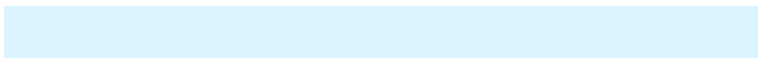
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.2677, 94.3780, 43.1590



65.2964, 94.3780, 126.2686



97.5743, 94.3780, 201.2452



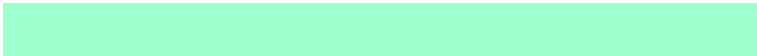
119.5410, 94.3780, 82.3697

Rectangle

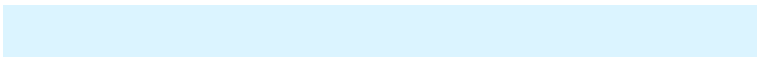
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2677, 94.3780, 43.1590



66.4408, 94.3780, 73.1872



97.5743, 94.3780, 201.2452



117.8464, 94.3780, 139.3906

Sweetspot

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



82.2700, 94.3823, 43.1610



90.4157, 97.9973, 84.9557



58.0350, 45.6854, 35.7823



19.2545, 20.9327, 17.6777



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

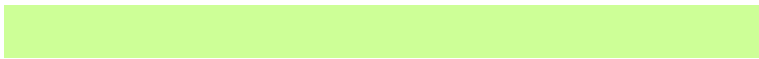
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2700, 94.3823, 43.1610



80.6532, 93.6342, 34.9590



66.4498, 86.6957, 42.5111



19.5455, 21.0592, 19.1790



39.8377, 47.6866, 7.1048



3.8835, 4.6523, 0.6933

Inverse Universe

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



42.0406, 36.2548, 99.3896



35.4126, 28.2678, 98.1975



53.2766, 41.8089, 99.8695



17.0170, 17.4055, 22.7127



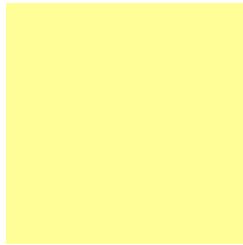
9.4513, 3.8122, 49.6723



0.9249, 0.3805, 4.8380

Previews

White Background



This preview shows how the XYZ color 82.2677, 94.3780, 43.1590 looks on a white background.

Color Contrast Check

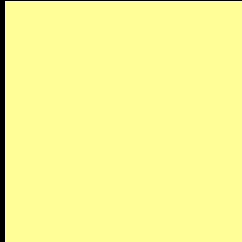
Large Text (above 18pt) WCAG AA × Fail

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 82.2677, 94.3780, 43.1590 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 82.2677, 94.3780, 43.1590

Background



This preview shows how black text looks on a background with the XYZ color 82.2677, 94.3780, 43.1590.



This preview shows how white text looks on a background with the XYZ color 82.2677, 94.3780,

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



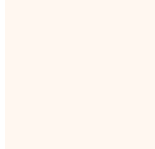
Original Color

82.2677, 94.3780, 43.1590



Protanopia

88.9808, 94.5574, 86.2347



Deuteranopia

90.2289, 94.0728, 95.8404



Tritanopia

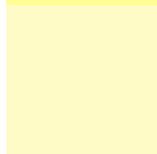
91.7665, 94.1998, 105.4412

Trichromacy



Original Color

82.2677, 94.3780, 43.1590



Protanomaly

86.0460, 94.3779, 67.7145



Deuteranomaly

86.8108, 94.1853, 73.2787



Tritanomaly

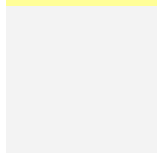
87.3814, 93.9177, 77.8124

Monochromacy



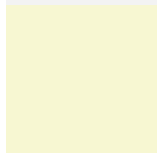
Original Color

82.2677, 94.3780, 43.1590



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 82.2677, 94.3780, 43.1590 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 151) }
```

Border

The CSS property to change the border of an element to XYZ 82.2677, 94.3780, 43.1590 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, 151) }
```


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

```
.border{ border-color:rgb(255, 254, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2677, 94.3780, 43.1590 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
254, 151) }
```

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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