

Converting Colors

XYZ(82.1045, 93.8520, 43.7197)

Have a look what the booklet for
XYZ(82.1045, 93.8520, 43.7197)
contains.

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Color

**XYZ(82.1150, 93.8105,
43.9163)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFD99
RGB	255, 253, 153
RGB Percent	100%, 99%, 60%
CMY	0.0000, 0.0078, 0.4000
CMYK	0.00, 0.01, 0.40, 0.00
HSL	59°, 100%, 80%
HSV	59°, 40%, 100%
XYZ	82.1150, 93.8105, 43.9163
YIQ	242.1980, 33.2920, -30.6760

Conversions

Conversions Part 2

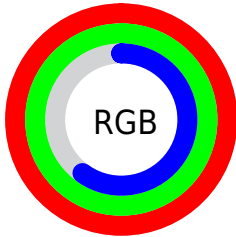
Format	Color
RYB	155, 255, 153
Decimal	16776601
CIELab	97.56, -13.25, 48.02
CIELCh	98, 49.812, 105.432
Yxy	93.8105, 0.3735, 0.4267
Android (android.graphics.Color)	4294966681 (0xFFFFFD99)
YUV	242.1980, -43.9746, 11.2274
Hunter-Lab	96.8558, -18.1642, 40.9158

Details

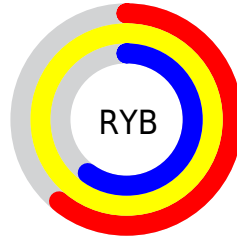
The XYZ color **82.1150, 93.8105, 43.9163** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.9080, 37.4338, 99.5714**, and the grayscale version is **84.8759, 89.2961, 97.2434**.

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 **80.0738, 92.7460, 33.9324**, and if you desaturate by 10%, it is **84.6113, 95.0644, 56.2744**.

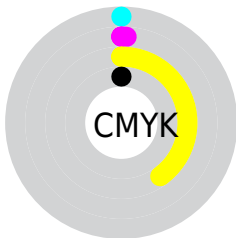
Distribution



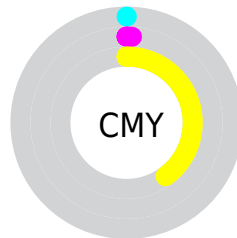
- Red (100%)
- Green (99%)
- Blue (60%)



- Red (61%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1150, 93.8105, 43.9163 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 82.1150, 93.8105, 43.9163 by changing the saturation by 10% instead.


 82.1150, 93.8105,
43.9163


 82.1150, 93.8105,
43.9163


490.6609,
540.3499, 378.3980

 61.7748, 71.1454,
30.2680


 135.2702,
152.6202, 82.3929

 45.1056, 52.4608,
19.7883


 168.8160,
189.5336, 108.0583

 31.7423, 37.3725,
12.0587


207.4942,
231.9652, 138.5665

 21.3193, 25.4960,
6.6607

251.6703,
280.2994, 174.3360

 13.4714, 16.4470,
3.1756

301.7097,
334.9205, 215.7853

 7.8332, 9.8410,
1.1850

357.9777,

 4.0393, 5.2937,

396.2131, 263.3331

0.0000

420.8397,
464.5614, 317.3978

■ 1.7244, 2.4206,
0.0000

■ 0.4715, 0.8364,
0.0000

■ 82.1150, 93.8105,
43.9163

■ 82.1150, 93.8105,
43.9163

■ 80.0738, 92.7460,
33.9324

■ 84.6113, 95.0644,
56.2744

■ 78.4519, 91.8466,
26.1644

■ 87.5821, 96.5054,
71.1398

■ 77.2193, 91.1035,
20.4444

■ 91.0542, 98.1476,
88.6426

■ 76.3390, 90.5020,
16.5775

95.0498, 99.9998,
108.9000

■ 75.7669, 90.0244, 95.0499, 99.9999,
14.3315 108.9000

■ 75.4309, 89.6419,
13.3271

■ 75.4309, 89.6419,
13.3270

Harmonies

Analogous

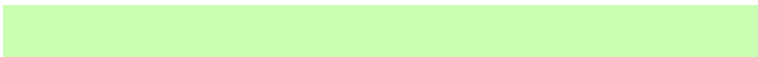
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1882, 93.8105, 43.7434



82.1150, 93.8105, 43.9163



71.1428, 93.8105, 56.6198

Triad

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



82.1150, 93.8105, 43.9163



71.3925, 93.8105, 168.3599



118.1911, 93.8105, 123.0357

Complementary

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



82.1150, 93.8105, 43.9163



42.9080, 37.4338, 99.5714

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.



109.9974, 93.8105, 167.2038



82.1150, 93.8105, 43.9163



82.4905, 93.8105, 197.7041

Square

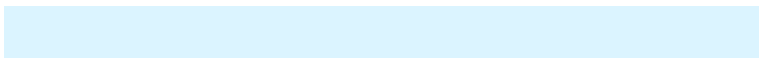
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1150, 93.8105, 43.9163



65.4134, 93.8105, 124.3244



96.6054, 93.8105, 197.2324



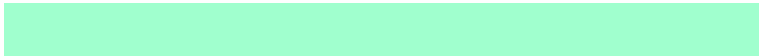
118.0631, 93.8105, 82.7717

Rectangle

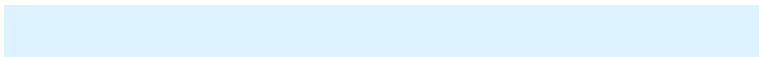
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1150, 93.8105, 43.9163



66.6273, 93.8105, 73.0367



96.6054, 93.8105, 197.2324



116.2837, 93.8105, 138.1086

Sweetspot

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



82.1173, 93.8148, 43.9183



90.3184, 97.8027, 84.9233



58.6665, 46.4573, 37.5067



19.2314, 20.8865, 17.6700



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

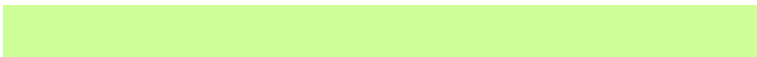
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1173, 93.8148, 43.9183



80.4478, 92.9460, 35.7460



67.3543, 87.1430, 43.4086



19.5290, 21.0262, 19.1735



39.4282, 46.8676, 6.9683



3.8483, 4.5820, 0.6816

Inverse Universe

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



42.9080, 37.4338, 99.5714



36.3226, 29.4996, 98.3873



53.4220, 42.3657, 99.9692



17.0315, 17.4346, 22.7175



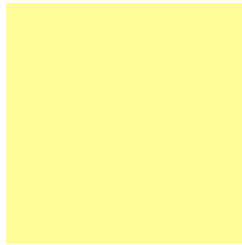
9.4721, 3.8537, 49.6792



0.9318, 0.3944, 4.8403

Previews

White Background



This preview shows how the XYZ color 82.1150, 93.8105, 43.9163 looks on a white background.

Color Contrast Check

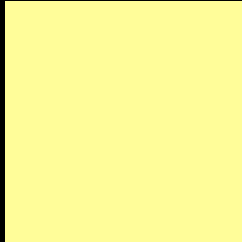
Large Text (above 18pt) WCAG AA × Fail

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 82.1150, 93.8105, 43.9163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

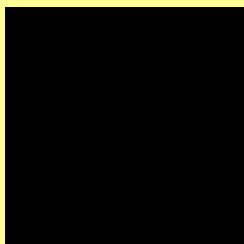
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1150, 93.8105, 43.9163

Background



This preview shows how black text looks on a background with the XYZ color 82.1150, 93.8105, 43.9163.



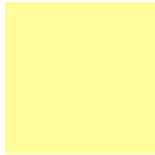
This preview shows how white text looks on a background with the XYZ color 82.1150, 93.8105,

43.9163.

Color Blindness Simulation

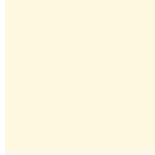
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



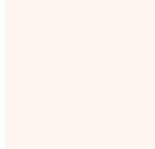
Original Color

82.1150, 93.8105, 43.9163



Protanopia

88.2619, 93.7766, 83.9698



Deuteranopia

90.0808, 94.0135, 95.0600



Tritanopia

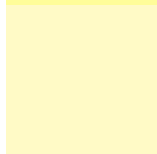
91.4631, 93.5931, 105.3401

Trichromacy



Original Color

82.1150, 93.8105, 43.9163



Protanomaly

85.6186, 93.7084, 67.0010



Deuteranomaly

86.5008, 93.5654, 73.1754



Tritanomaly

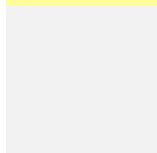
87.2021, 93.3527, 78.3886

Monochromacy



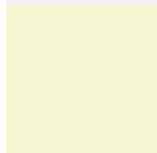
Original Color

82.1150, 93.8105, 43.9163



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.9464, 90.3388, 74.0382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1150, 93.8105, 43.9163 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, 253, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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, 253, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 153) }
```

Border

The CSS property to change the border of an element to XYZ 82.1150, 93.8105, 43.9163 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, 253, 153) }
```


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

```
.border{ border-color:rgb(255, 253, 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, 253, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1150, 93.8105, 43.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 153) }
```

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

```
.background{ background-color: rgb(255,  
253, 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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