

Converting Colors

XYZ(80.6913, 93.5386, 43.9392)

Have a look what the booklet for
XYZ(80.6913, 93.5386, 43.9392)
contains.

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Color

**XYZ(80.6159, 93.5075,
43.9368)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | FAFE99 |
| RGB | 250, 254, 153 |
| RGB Percent | 98%, 100%, 60% |
| CMY | 0.0196, 0.0039, 0.4000 |
| CMYK | 0.02, 0.00, 0.40, 0.00 |
| HSL | 62°, 98%, 80% |
| HSV | 62°, 40%, 100% |
| XYZ | 80.6159, 93.5075, 43.9368 |
| YIQ | 241.2900, 30.0370, -32.2590 |

Conversions

Conversions Part 2

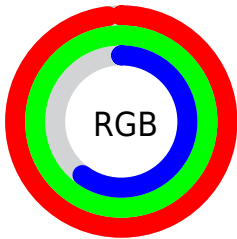
| Format | Color |
|-------------------------------------|---|
| RYB | 153, 254, 157 |
| Decimal | 16449177 |
| CIELab | 97.43, -15.64, 47.78 |
| CIELCh | 97, 50.277, 108.127 |
| Yxy | 93.5075, 0.3697, 0.4288 |
| Android (android.graphics.Color) | 4294639257 (0xFFFAFE99) |
| YUV | 241.2900, -43.5270, 7.6387 |
| Hunter-Lab | 96.6993, -20.4125, 40.7502 |

Details

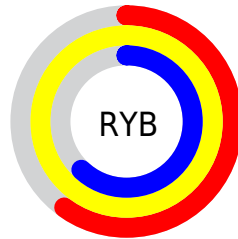
The XYZ color **80.6159, 93.5075, 43.9368** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.1886, 37.1086, 98.6578**, and the grayscale version is **84.1553, 88.5379, 96.4178**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **44.0047, 52.0591, 19.7857** is the 20% darker color. If you saturate the color by 10%, you get **78.3782, 92.5741, 34.0227**, and if you desaturate by 10%, it is **83.3067, 94.6290, 56.2067**.

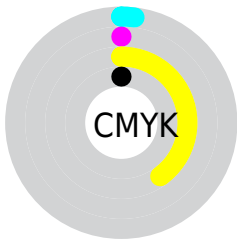
Distribution



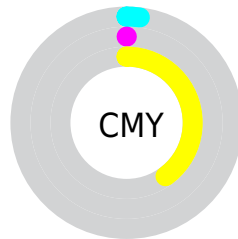
- Red (98%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.6159, 93.5075, 43.9368 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 80.6159, 93.5075, 43.9368 by changing the saturation by 10% instead.


 80.6159, 93.5075,
43.9368


 80.6159, 93.5075,
43.9368

485.7110,
539.3758, 378.4841

 60.5355, 70.8934,
30.2840


 133.1773,
152.2010, 82.4241

 44.1015, 52.2552,
19.8004


 166.3890,
189.0493, 108.0957

 30.9486, 37.2085,
12.0674

204.7085,
231.4110, 138.6106

 20.7113, 25.3690,
6.6665

248.5013,
279.6706, 174.3874

 13.0244, 16.3522,
3.1791

298.1325,
334.2125, 215.8446

 7.5225, 9.7737,
1.1868

353.9677,

 3.8402, 5.2492,

395.4210, 263.4007

0.0000

416.3720,
463.6807, 317.4744

■ 1.6121, 2.3942,
0.0000

■ 0.4003, 0.8229,
0.0000

■ 80.6159, 93.5075,
43.9368

■ 80.6159, 93.5075,
43.9368

■ 78.3782, 92.5741,
34.0227

■ 83.3067, 94.6290,
56.2067

■ 76.5582, 91.8047,
26.3079

■ 86.4698, 95.9363,
70.9638

■ 75.1261, 91.1908,
20.6264

■ 90.1316, 97.4433,
88.3367

■ 74.0456, 90.7177,
16.7861

94.3145, 99.1589,
108.4437

■ 73.2733, 90.3680,
14.5581

94.7339, 99.3678,
108.7946

■ 72.7396, 90.1140,
13.5772

■ 72.7280, 90.1085,
13.5595

Harmonies

Analogous

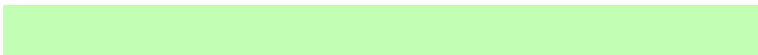
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6372, 93.5075, 42.6828



80.6159, 93.5075, 43.9368



69.9838, 93.5075, 57.8814

Triad

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



80.6159, 93.5075, 43.9368



71.8029, 93.5075, 172.1890



118.4973, 93.5075, 118.8385

Complementary

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



80.6159, 93.5075, 43.9368



43.1886, 37.1086, 98.6578

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.



110.8948, 93.5075, 163.7329



80.6159, 93.5075, 43.9368



83.3536, 93.5075, 199.6072

Square

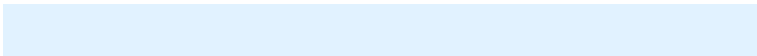
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6159, 93.5075, 43.9368



65.2830, 93.5075, 128.2496



97.6821, 93.5075, 196.1543



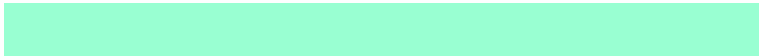
117.5620, 93.5075, 79.2859

Rectangle

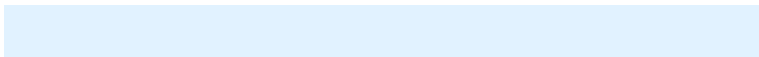
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6159, 93.5075, 43.9368



65.7833, 93.5075, 75.2729



97.6821, 93.5075, 196.1543



116.8249, 93.5075, 133.9580

Sweetspot

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



80.6182, 93.5117, 43.9388



90.0637, 97.9541, 84.9659



58.5760, 47.2732, 36.1756



19.1710, 20.9225, 17.6802



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

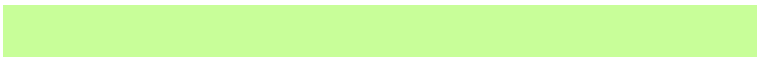
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6182, 93.5117, 43.9388



79.4422, 93.5531, 35.9162



65.0501, 85.4861, 43.2102



19.4858, 21.0519, 19.1807



38.3720, 47.5196, 7.1498



3.7574, 4.6378, 0.6971

Inverse Universe

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



43.1886, 37.1086, 98.6578



36.7742, 29.2427, 98.3139



54.9784, 43.1865, 99.2096



17.0696, 17.4121, 22.7112



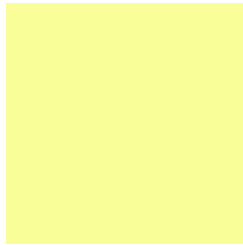
9.5265, 3.8216, 49.6701



0.9500, 0.3836, 4.8373

Previews

White Background



This preview shows how the XYZ color 80.6159, 93.5075, 43.9368 looks on a white background.

Color Contrast Check

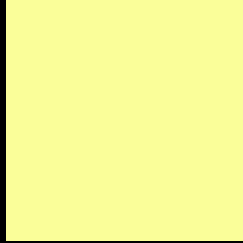
Large Text (above 18pt) WCAG AA × Fail

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 80.6159, 93.5075, 43.9368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

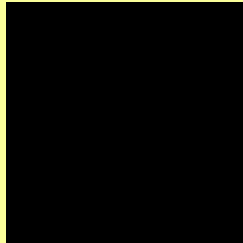
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.6159, 93.5075, 43.9368

Background



This preview shows how black text looks on a background with the XYZ color 80.6159, 93.5075, 43.9368.

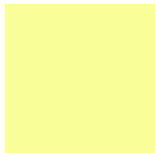


This preview shows how white text looks on a background with the XYZ color 80.6159, 93.5075,

Color Blindness Simulation

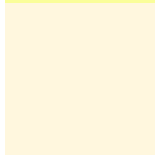
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



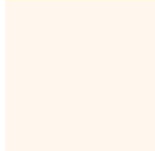
Original Color

80.6159, 93.5075, 43.9368



Protanopia

87.6856, 93.0555, 82.4472



Deuteranopia

89.6284, 93.3446, 94.1823



Tritanopia

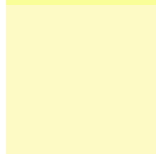
91.4801, 93.1171, 106.9178

Trichromacy



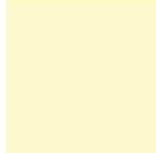
Original Color

80.6159, 93.5075, 43.9368



Protanomaly

84.7717, 93.2851, 66.3612



Deuteranomaly

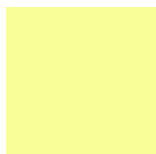
85.6462, 93.1390, 72.4951



Tritanomaly

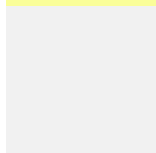
86.5998, 93.0272, 79.0374

Monochromacy



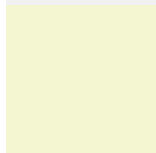
Original Color

80.6159, 93.5075, 43.9368



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7726, 89.7481, 73.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6159, 93.5075, 43.9368 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 254, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 153) }
```

Border

The CSS property to change the border of an element to XYZ 80.6159, 93.5075, 43.9368 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, 153) }
```


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

```
.border{ border-color:rgb(250, 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(250, 254, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 153);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6159, 93.5075, 43.9368 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, 153) }
```

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

```
.background{ background-color: rgb(250,  
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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