

Converting Colors

XYZ(92.3252, 118.6232,
44.1808)

Have a look what the booklet for
XYZ(92.3252, 118.6232, 44.1808)
contains.

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Color

**XYZ(79.7848, 93.6429,
39.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FF8F
RGB	249, 255, 143
RGB Percent	98%, 100%, 56%
CMY	0.0235, 0.0000, 0.4392
CMYK	0.02, 0.00, 0.44, 0.00
HSL	63°, 100%, 78%
HSV	63°, 44%, 100%
XYZ	79.7848, 93.6429, 39.8564
YIQ	240.4380, 32.3760, -36.1040

Conversions

Conversions Part 2

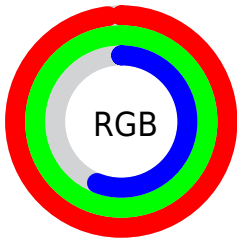
Format	Color
R _Y B	143, 255, 149
Decimal	16383887
CIE Lab	97.49, -17.51, 52.60
CIE LCh	97, 55.439, 108.412
Yxy	93.6429, 0.3741, 0.4391
Android (android.graphics.Color)	4294573967 (0xFFFF9FF8F)
YUV	240.4380, -48.0369, 7.5089
Hunter-Lab	96.7693, -22.1756, 43.3187

Details

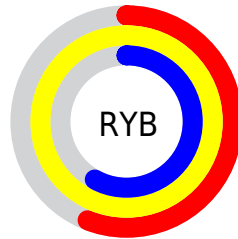
The XYZ color **79.7848, 93.6429, 39.8564** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.2680, 33.2558, 98.9044**, and the grayscale version is **83.5139, 87.8631, 95.6830**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **43.5254, 52.2027, 17.4550** is the 20% darker color. If you saturate the color by 10%, you get **77.5821, 92.7058, 30.7901**, and if you desaturate by 10%, it is **82.4304, 94.7576, 51.2376**.

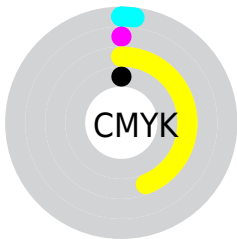
Distribution



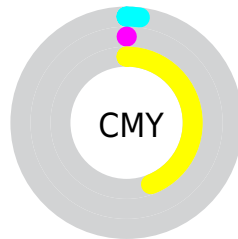
- Red (98%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7848, 93.6429, 39.8564 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 79.7848, 93.6429, 39.8564 by changing the saturation by 10% instead.


 79.7848, 93.6429,
39.8564


 79.7848, 93.6429,
39.8564


482.9549,
539.8112, 361.0520

 59.8491, 71.0060,
27.1137


 132.0152,
152.3884, 76.1795

 43.5460, 52.3471,
17.4254


 165.0407,
189.2657, 100.5969

 30.5102, 37.2818,
10.3731


203.1602,
231.6587, 129.7430

 20.3761, 25.4257,
5.5382

246.7390,
279.9516, 164.0363

 12.7786, 16.3945,
2.5022

296.1426,
334.5289, 203.8953

 7.3522, 9.8038,
0.8413

351.7361,

 3.7316, 5.2690,

395.7750, 249.7385

0.0000

413.8851,
464.0743, 301.9846

■ 1.5514, 2.4060,
0.0000

■ 0.3604, 0.8290,
0.0000

■ 79.7848, 93.6429,
39.8564

■ 79.7848, 93.6429,
39.8564

■ 77.5821, 92.7058,
30.7901

■ 82.4304, 94.7576,
51.2376

■ 75.7918, 91.9340,
23.8763

■ 85.5459, 96.0606,
65.0736

■ 74.3800, 91.3140,
18.9375

■ 89.1563, 97.5621,
81.4980

■ 73.3073, 90.8301,
15.7664

■ 93.2851, 99.2713,
100.6334

■ 72.5257, 90.4631, 95.0500, 100.0000,
14.1096 108.9000

■ 72.1512, 90.2803,
13.6231

Harmonies

Analogous

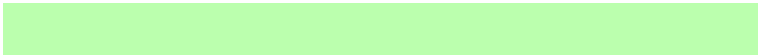
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2228, 93.6429, 38.4459



79.7848, 93.6429, 39.8564



68.2356, 93.6429, 54.5757

Triad

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



79.7848, 93.6429, 39.8564



70.3915, 93.6429, 181.4886



122.0622, 93.6429, 120.3793

Complementary

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



79.7848, 93.6429, 39.8564



40.2680, 33.2558, 98.9044

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.



113.6111, 93.6429, 170.9839



79.7848, 93.6429, 39.8564



83.0635, 93.6429, 212.6049

Square

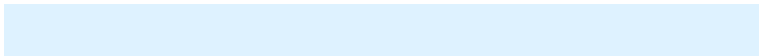
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7848, 93.6429, 39.8564



63.2694, 93.6429, 131.8574



98.9090, 93.6429, 208.2767



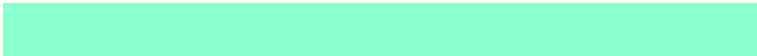
120.9149, 93.6429, 76.9643

Rectangle

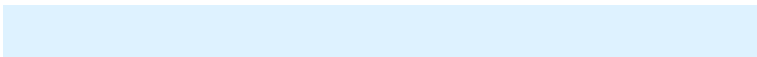
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7848, 93.6429, 39.8564



63.7274, 93.6429, 73.2830



98.9090, 93.6429, 208.2767



120.2127, 93.6429, 137.2874

Sweetspot

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



79.7850, 93.6429, 39.8577



89.5143, 97.7106, 83.1440



56.8829, 44.6128, 31.6009



18.9776, 20.8385, 16.9595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

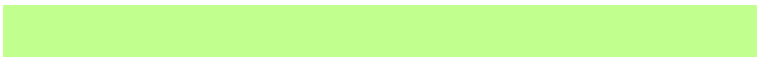
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7850, 93.6429, 39.8577



77.7671, 92.7849, 31.5321



62.8131, 84.8936, 39.0634



19.4594, 21.0383, 19.1795



37.7423, 47.1949, 7.1203



3.7031, 4.6098, 0.6946

Inverse Universe

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



40.2680, 33.2558, 98.9044



33.5144, 25.1359, 97.6931



52.9400, 39.7884, 99.4974



17.0930, 17.4242, 22.7123



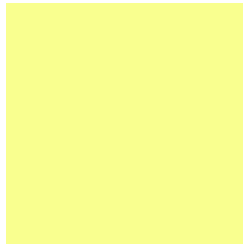
9.5598, 3.8387, 49.6717



0.9611, 0.3894, 4.8378

Previews

White Background



This preview shows how the XYZ color 79.7848, 93.6429, 39.8564 looks on a white background.

Color Contrast Check

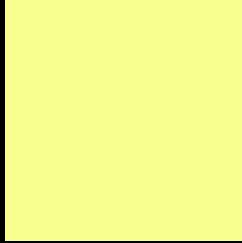
Large Text (above 18pt) WCAG AA × Fail

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 79.7848, 93.6429, 39.8564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

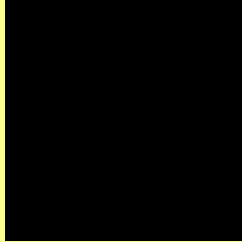
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7848, 93.6429, 39.8564

Background



This preview shows how black text looks on a background with the XYZ color 79.7848, 93.6429, 39.8564.

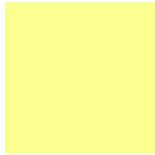


This preview shows how white text looks on a background with the XYZ color 79.7848, 93.6429,

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



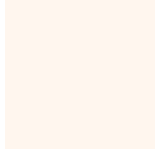
Original Color

79.7848, 93.6429, 39.8564



Protanopia

87.9922, 93.6687, 82.5494



Deuteranopia

89.6284, 93.3446, 94.1823



Tritanopia

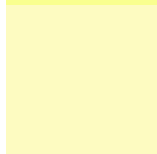
91.7818, 93.7206, 107.0184

Trichromacy



Original Color

79.7848, 93.6429, 39.8564



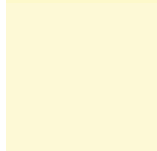
Protanomaly

84.6308, 93.7273, 64.0827



Deuteranomaly

85.1632, 92.9458, 69.9517



Tritanomaly

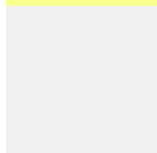
86.5213, 93.4890, 77.1034

Monochromacy



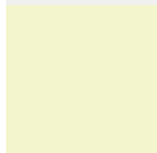
Original Color

79.7848, 93.6429, 39.8564



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.6340, 88.7673, 70.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7848, 93.6429, 39.8564 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(249, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 143)  
}
```

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(249, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 143) }
```

Border

The CSS property to change the border of an element to XYZ 79.7848, 93.6429, 39.8564 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(249, 255, 143) }
```


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

```
.border{ border-color:rgb(249, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7848, 93.6429, 39.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 143) }
```

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

```
.background{ background-color: rgb(249,  
255, 143) }
```

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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