

Converting Colors

XYZ(79.7148, 93.5669, 41.6552)

Have a look what the booklet for
XYZ(79.7148, 93.5669, 41.6552)
contains.

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Color

**XYZ(79.7379, 93.5830,
41.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FF93
RGB	248, 255, 147
RGB Percent	97%, 100%, 58%
CMY	0.0275, 0.0000, 0.4235
CMYK	0.03, 0.00, 0.42, 0.00
HSL	64°, 100%, 79%
HSV	64°, 42%, 100%
XYZ	79.7379, 93.5830, 41.4645
YIQ	240.5950, 30.4960, -35.0720

Conversions

Conversions Part 2

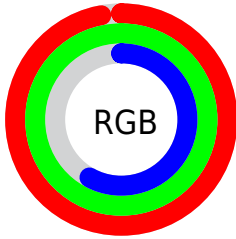
Format	Color
R_{YB}	147, 255, 154
Decimal	16318355
CIE _{Lab}	97.46, -17.50, 50.66
CIE _{LCh}	97, 53.597, 109.055
Yxy	93.5830, 0.3712, 0.4357
Android (android.graphics.Color)	4294508435 (0xFFFF8FF93)
YUV	240.5950, -46.1423, 6.4942
Hunter-Lab	96.7383, -22.1609, 42.3036

Details

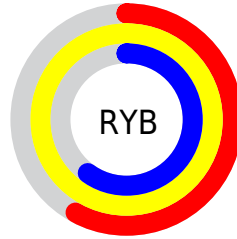
The XYZ color **79.7379, 93.5830, 41.4645** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **41.8112, 34.9588, 99.1518**, and the grayscale version is **83.6241, 87.9791, 95.8092**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **43.4497, 52.1435, 18.3643** is the 20% darker color. If you saturate the color by 10%, you get **77.3701, 92.5685, 32.0410**, and if you desaturate by 10%, it is **82.5549, 94.7779, 53.2264**.

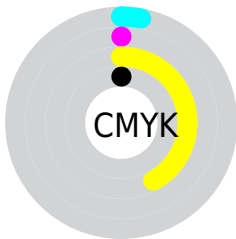
Distribution



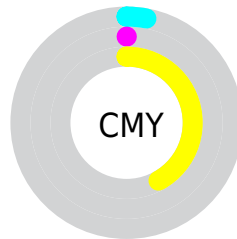
- Red (97%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7379, 93.5830, 41.4645 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 79.7379, 93.5830, 41.4645 by changing the saturation by 10% instead.

 79.7379, 93.5830,
41.4645


 79.7379, 93.5830,
41.4645


482.7991,
539.6186, 367.9922

 59.8104, 70.9562,
28.3598


 131.9496,
152.3055, 78.6498

 43.5147, 52.3064,
18.3556


 164.9646,
189.1700, 103.5675

 30.4855, 37.2494,
11.0335


203.0728,
231.5491, 133.2600

 20.3573, 25.4006,
5.9749

246.6395,
279.8273, 168.1457

 12.7648, 16.3758,
2.7613

296.0301,
334.3890, 208.6432

 7.3426, 9.7905,
0.9741

351.6100,

 3.7255, 5.2603,

395.6185, 255.1712

0.0000

413.7446,
463.9002, 308.1480

■ 1.5481, 2.4008,
0.0000

■ 0.3582, 0.8263,
0.0000

■ 79.7379, 93.5830,
41.4645

■ 79.7379, 93.5830,
41.4645

■ 77.3701, 92.5685,
32.0410

■ 82.5549, 94.7779,
53.2264

■ 75.4211, 91.7222,
24.7961

■ 85.8473, 96.1634,
67.4648

■ 73.8580, 91.0307,
19.5559

■ 89.6402, 97.7498,
84.3113

■ 72.6422, 90.4788,
16.1184

■ 93.9565, 99.5461,
103.8874

■ 71.7275, 90.0479, 95.0500, 100.0000,
14.2394 108.9000

■ 71.1786, 89.7789,
13.5776

Harmonies

Analogous

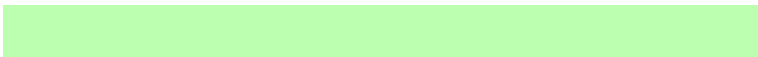
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6163, 93.5830, 39.8036



79.7379, 93.5830, 41.4645



68.6370, 93.5830, 56.2758

Triad

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



79.7379, 93.5830, 41.4645



71.1271, 93.5830, 179.1515



120.8595, 93.5830, 118.6385

Complementary

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



79.7379, 93.5830, 41.4645



41.8112, 34.9588, 99.1518

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.



112.9156, 93.5830, 167.2246



79.7379, 93.5830, 41.4645



83.5104, 93.5830, 208.2258

Square

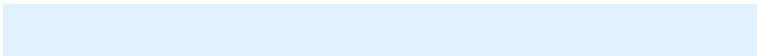
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7379, 93.5830, 41.4645



64.0711, 93.5830, 131.7579



98.8410, 93.5830, 203.3275



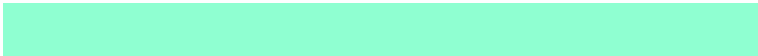
119.5510, 93.5830, 76.9256

Rectangle

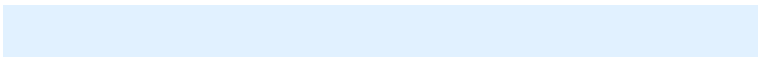
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7379, 93.5830, 41.4645



64.3365, 93.5830, 74.7941



98.8410, 93.5830, 203.3275



119.1498, 93.5830, 134.8619

Sweetspot

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



79.7381, 93.5832, 41.4658



89.3786, 97.6406, 83.1377



57.8005, 45.9542, 33.4287



18.9436, 20.8210, 16.9579



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

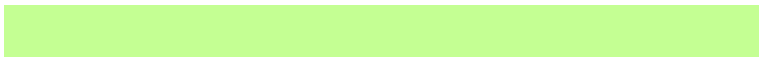
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7381, 93.5832, 41.4658



77.6650, 92.6956, 33.1839



63.6882, 85.3091, 40.7147



19.4381, 21.0273, 19.1785



37.2420, 46.9371, 7.0969



3.6598, 4.5875, 0.6926

Inverse Universe

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



41.8112, 34.9588, 99.1518



35.1102, 26.8921, 97.9479



54.0494, 41.2678, 99.7245



17.1120, 17.4339, 22.7131



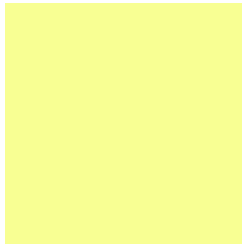
9.5887, 3.8537, 49.6730



0.9700, 0.3940, 4.8382

Previews

White Background



This preview shows how the XYZ color 79.7379, 93.5830, 41.4645 looks on a white background.

Color Contrast Check

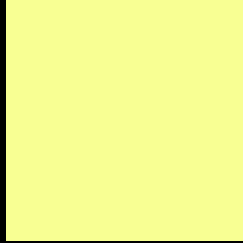
Large Text (above 18pt) WCAG AA × Fail

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 79.7379, 93.5830, 41.4645 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 79.7379, 93.5830, 41.4645

Background



This preview shows how black text looks on a background with the XYZ color 79.7379, 93.5830, 41.4645.



This preview shows how white text looks on a background with the XYZ color 79.7379, 93.5830,

41.4645.

Color Blindness Simulation

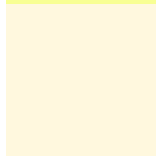
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



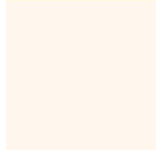
Original Color

79.7379, 93.5830, 41.4645



Protanopia

87.9922, 93.6687, 82.5494



Deuteranopia

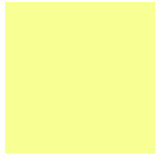
89.6284, 93.3446, 94.1823



Tritanopia

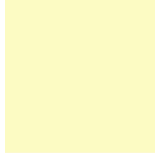
91.6407, 93.1814, 107.7636

Trichromacy



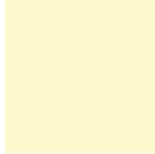
Original Color

79.7379, 93.5830, 41.4645



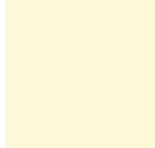
Protanomaly

84.4924, 93.6299, 65.2489



Deuteranomaly

85.0400, 92.8546, 71.1982



Tritanomaly

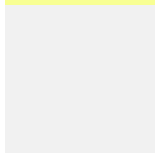
86.1070, 92.7881, 78.3373

Monochromacy



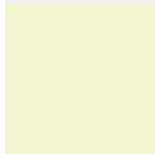
Original Color

79.7379, 93.5830, 41.4645



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.5265, 89.6496, 72.0387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7379, 93.5830, 41.4645 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(248, 255, 147)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 147)  
}
```

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(248, 255, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 147) }
```

Border

The CSS property to change the border of an element to XYZ 79.7379, 93.5830, 41.4645 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(248, 255, 147) }
```


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

```
.border{ border-color:rgb(248, 255, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 147);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7379, 93.5830, 41.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 147) }
```

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

```
.background{ background-color: rgb(248,  
255, 147) }
```

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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