

Converting Colors

XYZ(126.9190, 113.1492,
44.3692)

Have a look what the booklet for
XYZ(126.9190, 113.1492, 44.3692)
contains.

XYZ(79.4783, 88.7992, 42.2292)	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(79.4783, 88.7992,
42.2292)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF597
RGB	255, 245, 151
RGB Percent	100%, 96%, 59%
CMY	0.0000, 0.0392, 0.4078
CMYK	0.00, 0.04, 0.41, 0.00
HSL	54°, 100%, 80%
HSV	54°, 41%, 100%
XYZ	79.4783, 88.7992, 42.2292
YIQ	237.2740, 36.1340, -27.1140

Conversions

Conversions Part 2

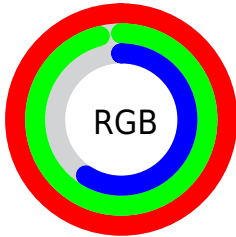
Format	Color
R _Y B	162, 255, 151
Decimal	16774551
CIE Lab	95.50, -9.53, 46.38
CIE LCh	95, 47.352, 101.612
Yxy	88.7992, 0.3776, 0.4218
Android (android.graphics.Color)	4294964631 (0xFFFFF597)
YUV	237.2740, -42.5331, 15.5457
Hunter-Lab	94.2333, -14.3578, 39.3934

Details

The XYZ color **79.4783, 88.7992, 42.2292** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.5571, 39.2879, 99.8951**, and the grayscale version is **81.0074, 85.2261, 92.8112**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **43.4282, 49.1474, 18.7528** is the 20% darker color. If you saturate the color by 10%, you get **76.8918, 86.5895, 32.2317**, and if you desaturate by 10%, it is **82.5269, 91.2159, 54.5924**.

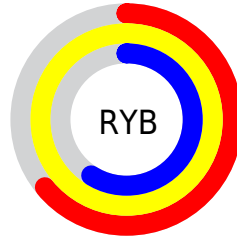
Distribution



Red (100%)

Green (96%)

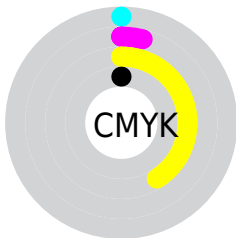
Blue (59%)



Red (64%)

Yellow (100%)

Blue (59%)

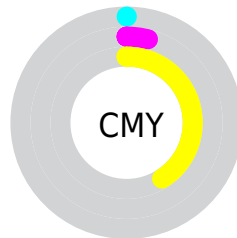


Cyan (0%)

Magenta (4%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4783, 88.7992, 42.2292 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 79.4783, 88.7992, 42.2292 by changing the saturation by 10% instead.


 79.4783, 88.7992,
42.2292


 79.4783, 88.7992,
42.2292


481.9363,
524.1169, 371.2598

 59.5961, 66.9851,
28.9539


 131.5864,
145.6693, 79.8202

 43.3414, 49.0726,
18.8007

 164.5430,
181.4941, 104.9730

 30.3488, 34.6770,
11.3510

202.5885,
222.7580, 134.9221

 20.2528, 23.4142,
6.1863

246.0882,
269.8453, 170.0859

 12.6883, 14.8996,
2.8881

295.4075,
323.1405, 210.8830

 7.2898, 8.7490,
1.0378

350.9117,

 3.6919, 4.5778,

383.0279, 257.7320

0.0000

412.9662,
449.8919, 311.0515

■ 1.5294, 2.0018,
0.0000

■ 0.3457, 0.6085,
0.0000

■ 79.4783, 88.7992,
42.2292

■ 79.4783, 88.7992,
42.2292

■ 76.8918, 86.5895,
32.2317

■ 82.5269, 91.2159,
54.5924

■ 74.7316, 84.5628,
24.4408

■ 86.0577, 93.8379,
69.4557

■ 72.9674, 82.7100,
18.6866

■ 90.0973, 96.6794,
86.9497

■ 71.5616, 81.0162,
14.7720

■ 94.6687, 99.7494,
107.1948

■ 70.4693, 79.4632, 95.0499, 100.0000,
12.4611 108.9000

■ 69.6752, 78.1305,
11.4084

Harmonies

Analogous

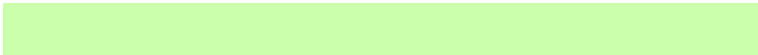
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5179, 88.7992, 43.4999



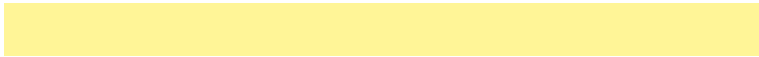
79.4783, 88.7992, 42.2292



68.8939, 88.7992, 52.5021

Triad

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



79.4783, 88.7992, 42.2292



67.0889, 88.7992, 152.3198



110.3575, 88.7992, 121.0222

Complementary

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



79.4783, 88.7992, 42.2292



43.5571, 39.2879, 99.8951

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.



102.0761, 88.7992, 160.5482



79.4783, 88.7992, 42.2292



76.7733, 88.7992, 181.5707

Square

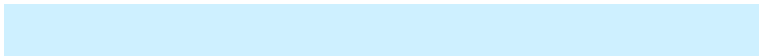
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4783, 88.7992, 42.2292



62.2464, 88.7992, 111.7936



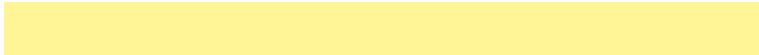
89.5228, 88.7992, 184.9179



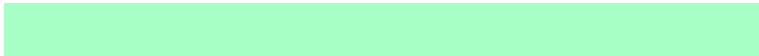
111.2725, 88.7992, 83.0070

Rectangle

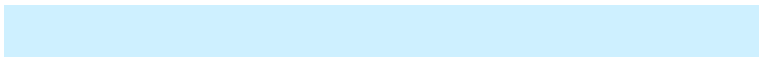
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4783, 88.7992, 42.2292



64.3007, 88.7992, 66.5407



89.5228, 88.7992, 184.9179



108.3062, 88.7992, 134.7901

Sweetspot

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



79.4805, 88.8033, 42.2310



89.5780, 96.3218, 84.6765



58.7756, 45.9815, 39.6821



19.0559, 20.5354, 17.6115



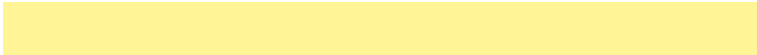
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

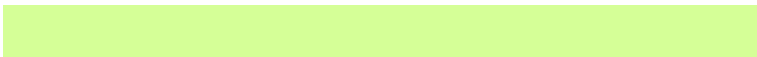
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4805, 88.8033, 42.2310



77.3213, 86.9704, 33.8484



68.9031, 87.9605, 42.6259



19.4032, 20.7747, 19.1316



36.4680, 40.9472, 5.9815



3.5923, 4.0700, 0.5963

Inverse Universe

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



43.5571, 39.2879, 99.8951



36.9450, 31.3326, 98.7083



51.0079, 40.6393, 99.7633



17.1434, 17.6583, 22.7548



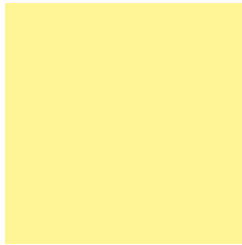
9.6540, 4.2175, 49.7398



0.9848, 0.5003, 4.8579

Previews

White Background



This preview shows how the XYZ color 79.4783, 88.7992, 42.2292 looks on a white background.

Color Contrast Check

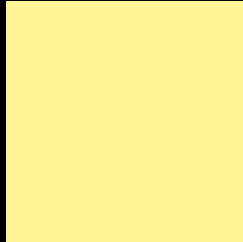
Large Text (above 18pt) WCAG AA × Fail

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 79.4783, 88.7992, 42.2292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

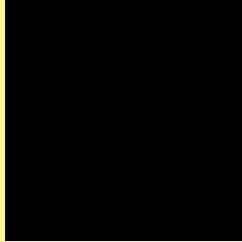
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4783, 88.7992, 42.2292

Background



This preview shows how black text looks on a background with the XYZ color 79.4783, 88.7992, 42.2292.

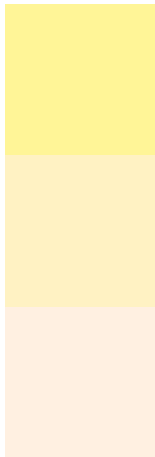


This preview shows how white text looks on a background with the XYZ color 79.4783, 88.7992,

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

79.4783, 88.7992, 42.2292

Protanopia

82.8425, 88.7044, 64.3852

Deuteranopia

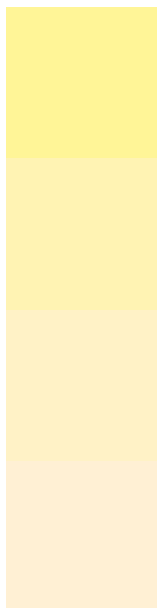
85.9907, 89.0164, 83.8839



Tritanopia

88.3127, 88.5438, 100.4318

Trichromacy



Original Color

79.4783, 88.7992, 42.2292

Protanomaly

81.4273, 88.6159, 55.4607

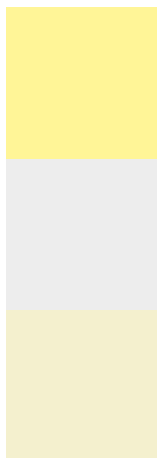
Deuteranomaly

83.1852, 88.8415, 66.1899

Tritanomaly

84.2838, 88.3336, 74.8952

Monochromacy



Original Color

79.4783, 88.7992, 42.2292

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.6089, 86.0095, 70.7982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4783, 88.7992, 42.2292 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, 245, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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, 245, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 151) }
```

Border

The CSS property to change the border of an element to XYZ 79.4783, 88.7992, 42.2292 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, 245, 151) }
```


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

```
.border{ border-color:rgb(255, 245, 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, 245, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4783, 88.7992, 42.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 151) }
```

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

```
.background{ background-color: rgb(255,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor