

Converting Colors

XYZ(87.8018, 94.3966, 79.0680)

Have a look what the booklet for
XYZ(87.8018, 94.3966, 79.0680)
contains.

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Color

**XYZ(87.9500, 94.6410,
79.2777)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFFAD9 |
| RGB | 255, 250, 217 |
| RGB Percent | 100%, 98%, 85% |
| CMY | 0.0000, 0.0196, 0.1490 |
| CMYK | 0.00, 0.02, 0.15, 0.00 |
| HSL | 52°, 100%, 93% |
| HSV | 52°, 15%, 100% |
| XYZ | 87.9500, 94.6410, 79.2777 |
| YIQ | 247.7330, 13.5730, -9.2030 |

Conversions

Conversions Part 2

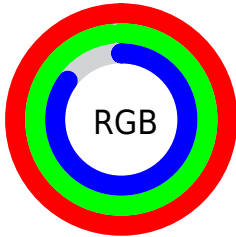
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 255, 217 |
| Decimal | 16775897 |
| CIE Lab | 97.89, -3.67, 16.44 |
| CIE LCh | 98, 16.841, 102.593 |
| Yxy | 94.6410, 0.3359, 0.3614 |
| Android (android.graphics.Color) | 4294965977 (0xFFFFFAD9) |
| YUV | 247.7330, -15.1514, 6.3732 |
| Hunter-Lab | 97.2836, -8.8720, 19.7823 |

Details

The XYZ color **87.9500, 94.6410, 79.2777** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.7860, 74.2122, 105.0959**, and the grayscale version is **89.1191, 93.7602, 102.1049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1021, 53.1980, 41.8627** is the 20% darker color. If you saturate the color by 10%, you get **83.8547, 91.3546, 62.7939**, and if you desaturate by 10%, it is **92.5808, 98.1775, 98.4708**.

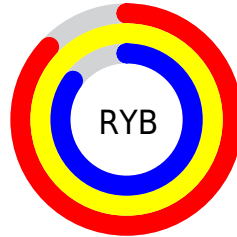
Distribution



Red (100%)

Green (98%)

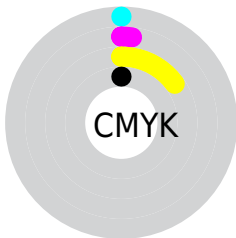
Blue (85%)



Red (87%)

Yellow (100%)

Blue (85%)

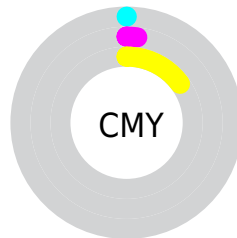


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9500, 94.6410, 79.2777 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 87.9500, 94.6410, 79.2777 by changing the saturation by 10% instead.


 87.9500, 94.6410,
79.2777

 87.9500, 94.6410,
79.2777


509.6773,
543.0150, 512.1377

 66.6123, 71.8362,
58.6015


143.3804,
153.7685, 134.1519

 49.0392, 53.0249,
41.8745


178.2039,
190.8601, 169.1871

 34.8652, 37.8226,
28.6782


218.2533,
233.4827, 209.8456

 23.7251, 25.8451,
18.5940

263.8940,
282.0207, 256.5460

 15.2535, 16.7078,
11.2035

315.4915,
336.8585, 309.7069

 9.0849, 10.0264,
6.0880

373.4109,

 4.8542, 5.4164,

398.3806, 369.7468

2.8290

438.0177,
466.9713, 437.0842

■ 2.1958, 2.4936,
1.0080

■ 0.7405, 0.8734,
0.0000

■ 87.9500, 94.6410,
79.2777

■ 87.9500, 94.6410,
79.2777

■ 83.8547, 91.3546,
62.7939

■ 92.5808, 98.1775,
98.4708

■ 80.2648, 88.2965,
48.8899

95.0500, 100.0000,
108.9000

■ 77.1569, 85.4607,
37.4344

■ 74.5036, 82.8358,
28.2824

■ 72.2742, 80.4095,
21.2734

■ 70.4343, 78.1678,
16.2264

■ 68.9437, 76.0945,
12.9305

■ 67.7530, 74.1697,
11.1261

■ 67.2256, 73.2311,
10.5919

Harmonies

Analogous

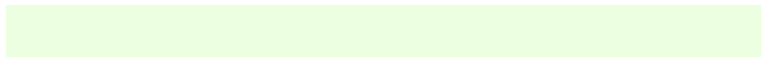
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7514, 94.6410, 79.7625



87.9500, 94.6410, 79.2777



83.8322, 94.6410, 84.7358

Triad

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



87.9500, 94.6410, 79.2777



83.3088, 94.6410, 122.0538



99.0796, 94.6410, 111.1847

Complementary

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



87.9500, 94.6410, 79.2777



72.7860, 74.2122, 105.0959

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.



96.3656, 94.6410, 123.8248



87.9500, 94.6410, 79.2777



87.2123, 94.6410, 130.4742

Square

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



87.9500, 94.6410, 79.2777



81.2175, 94.6410, 108.9375



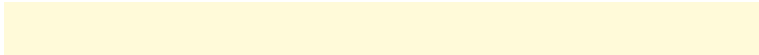
91.9871, 94.6410, 131.1499



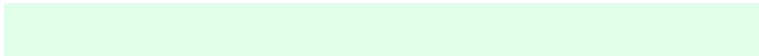
99.2943, 94.6410, 97.3746

Rectangle

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



87.9500, 94.6410, 79.2777



81.9825, 94.6410, 91.3192



91.9871, 94.6410, 131.1499



98.4250, 94.6410, 115.7403

Sweetspot

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



87.9522, 94.6450, 79.2797



93.0248, 98.5081, 100.3372



79.2473, 76.1643, 79.6797



19.8317, 21.0257, 21.1425



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

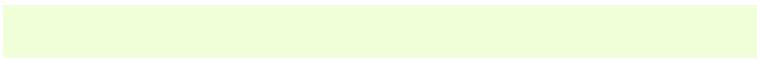
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9522, 94.6450, 79.2797



86.6268, 93.5999, 73.8874



84.5833, 95.2425, 79.5726



19.3456, 20.6594, 19.1124



35.2061, 38.4235, 5.5609



3.4821, 3.8495, 0.5595

Inverse Universe

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



72.7860, 74.2122, 105.0959



68.7069, 69.4581, 104.3933



75.7972, 73.8248, 104.8624



17.1954, 17.7624, 22.7721



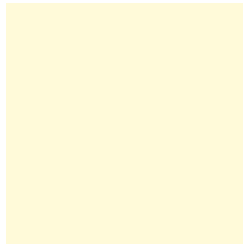
9.7820, 4.4736, 49.7825



1.0092, 0.5492, 4.8661

Previews

White Background



This preview shows how the XYZ color 87.9500, 94.6410, 79.2777 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 87.9500, 94.6410, 79.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

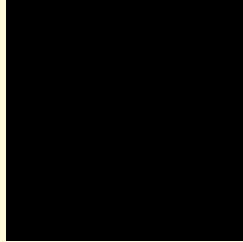
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9500, 94.6410, 79.2777

Background



This preview shows how black text looks on a background with the XYZ color 87.9500, 94.6410, 79.2777.



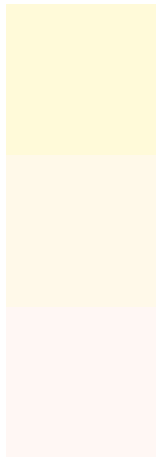
This preview shows how white text looks on a background with the XYZ color 87.9500, 94.6410,

79.2777.

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

87.9500, 94.6410, 79.2777

Protanopia

89.8237, 94.8946, 90.6731

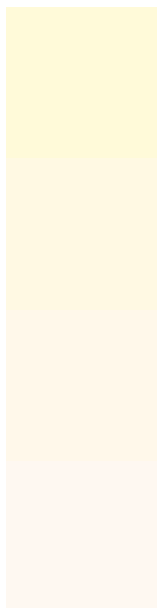
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

92.1838, 94.8124, 108.0497

Trichromacy



Original Color

87.9500, 94.6410, 79.2777

Protanomaly

88.9808, 94.5574, 86.2347

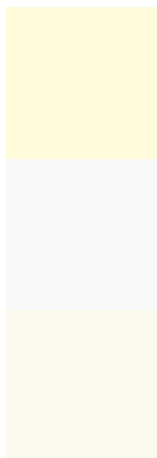
Deuteranomaly

89.6587, 94.3353, 91.3249

Tritanomaly

90.3176, 94.5565, 96.7101

Monochromacy



Original Color

87.9500, 94.6410, 79.2777

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.9454, 94.3750, 93.6490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9500, 94.6410, 79.2777 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, 250, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 217)  
}
```

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, 250, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 217) }
```

Border

The CSS property to change the border of an element to XYZ 87.9500, 94.6410, 79.2777 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, 250, 217) }
```


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

```
.border{ border-color:rgb(255, 250, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9500, 94.6410, 79.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 217) }
```

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

```
.background{ background-color: rgb(255,  
250, 217) }
```

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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