

Converting Colors

XYZ(87.5995, 94.4867, 77.4752)

Have a look what the booklet for
XYZ(87.5995, 94.4867, 77.4752)
contains.

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Color

**XYZ(87.5632, 94.4863,
77.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAD6
RGB	255, 250, 214
RGB Percent	100%, 98%, 84%
CMY	0.0000, 0.0196, 0.1608
CMYK	0.00, 0.02, 0.16, 0.00
HSL	53°, 100%, 92%
HSV	53°, 16%, 100%
XYZ	87.5632, 94.4863, 77.2409
YIQ	247.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

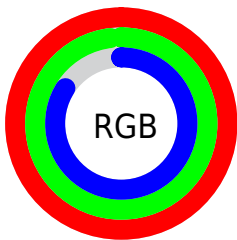
Format	Color
R _Y B	220, 255, 214
Decimal	16775894
CIE Lab	97.83, -4.12, 17.88
CIE LCh	98, 18.351, 102.972
Yxy	94.4863, 0.3377, 0.3644
Android (android.graphics.Color)	4294965974 (0xFFFFFAD6)
YUV	247.3910, -16.4618, 6.6731
Hunter-Lab	97.2041, -9.3110, 20.9295

Details

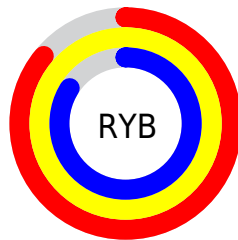
The XYZ color **87.5632, 94.4863, 77.2409** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.1125, 72.1771, 104.7913**, and the grayscale version is **88.8499, 93.4770, 101.7964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8385, 53.0925, 40.4747** is the 20% darker color. If you saturate the color by 10%, you get **83.6017, 91.3732, 61.0917**, and if you desaturate by 10%, it is **92.0550, 97.8432, 96.0845**.

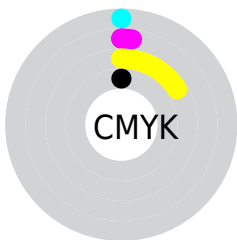
Distribution



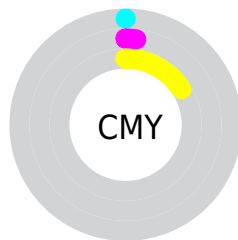
- Red (100%)
- Green (98%)
- Blue (84%)



- Red (86%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.5632, 94.4863, 77.2409 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 87.5632, 94.4863, 77.2409 by changing the saturation by 10% instead.

 87.5632, 94.4863,
77.2409

 87.5632, 94.4863,
77.2409


508.4286,
542.5191, 505.0444

 66.2910, 71.7075,
56.9379

142.8445,
153.5547, 131.2556

 48.7772, 52.9198,
40.5463


177.5843,
190.6131, 165.8043

 34.6566, 37.7387,
27.6477


217.5440,
233.2002, 205.9387

 23.5637, 25.7800,
17.8236

263.0890,
281.7003, 252.0773

 15.1333, 16.6591,
10.6553

314.5846,
336.4978, 304.6387

 8.9999, 9.9917,
5.7243

372.3961,

 4.7982, 5.3935,

397.9772, 364.0413

2.6121

436.8890,
466.5229, 430.7037

■ 2.1629, 2.4799,
0.8987

■ 0.7231, 0.8666,
0.0000

■ 87.5632, 94.4863,
77.2409

■ 87.5632, 94.4863,
77.2409

■ 83.6017, 91.3732,
61.0917

■ 92.0550, 97.8432,
96.0845

■ 80.1399, 88.4822,
47.5062

95.0500, 100.0000,
108.9000

■ 77.1547, 85.8070,
36.3521

■ 74.6179, 83.3363,
27.4825

■ 72.4988, 81.0575,
20.7351

■ 70.7622, 78.9567,
15.9257

■ 69.3673, 77.0171,
12.8392

■ 68.2631, 75.2184,
11.2080

■ 67.8798, 74.5395,
10.8099

Harmonies

Analogous

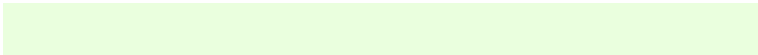
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7897, 94.4863, 77.6783



87.5632, 94.4863, 77.2409



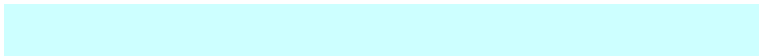
83.1110, 94.4863, 83.1750

Triad

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



87.5632, 94.4863, 77.2409



82.6331, 94.4863, 123.8324



99.7904, 94.4863, 111.5641

Complementary

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



87.5632, 94.4863, 77.2409



71.1125, 72.1771, 104.7913

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.



96.8520, 94.4863, 125.4735



87.5632, 94.4863, 77.2409



86.8877, 94.4863, 133.0151

Square

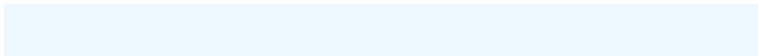
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5632, 94.4863, 77.2409



80.3401, 94.4863, 109.4950



92.0876, 94.4863, 133.6434



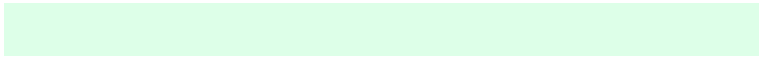
99.9885, 94.4863, 96.5360

Rectangle

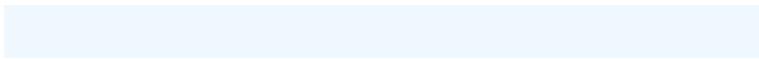
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5632, 94.4863, 77.2409



81.1256, 94.4863, 90.3144



92.0876, 94.4863, 133.6434



99.0853, 94.4863, 116.5592

Sweetspot

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



87.5655, 94.4903, 77.2429



92.5712, 98.2190, 98.2805



78.1350, 74.4933, 77.6021



19.7418, 20.9704, 20.7288



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

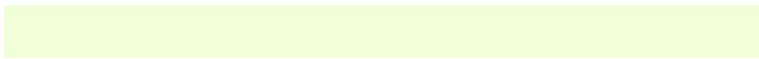
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5655, 94.4903, 77.2429



86.3538, 93.5555, 72.2501



83.8220, 94.8947, 77.5183



19.3613, 20.6907, 19.1176



35.5432, 39.0977, 5.6733



3.5116, 3.9085, 0.5693

Inverse Universe

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



71.1125, 72.1771, 104.7913



67.3130, 67.7336, 104.1338



74.4212, 71.9778, 104.5784



17.1812, 17.7340, 22.7674



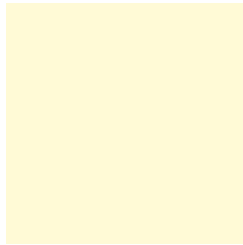
9.7438, 4.3972, 49.7698



1.0026, 0.5359, 4.8639

Previews

White Background



This preview shows how the XYZ color 87.5632, 94.4863, 77.2409 looks on a white background.

Color Contrast Check

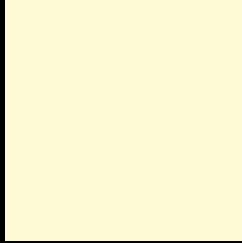
Large Text (above 18pt) WCAG AA × Fail

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 87.5632, 94.4863, 77.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

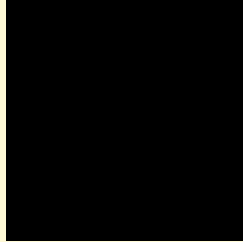
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.5632, 94.4863, 77.2409

Background



This preview shows how black text looks on a background with the XYZ color 87.5632, 94.4863, 77.2409.

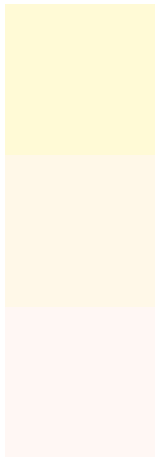


This preview shows how white text looks on a background with the XYZ color 87.5632, 94.4863,

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

87.5632, 94.4863, 77.2409

Protanopia

89.3729, 94.2210, 89.8199

Deuteranopia

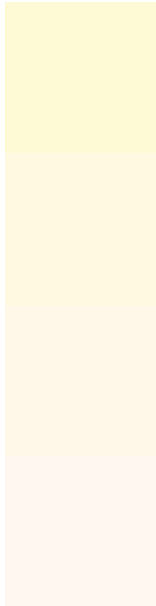
90.8299, 94.3132, 99.0050



Tritanopia

92.2458, 94.3915, 107.9653

Trichromacy



Original Color

87.5632, 94.4863, 77.2409

Protanomaly

88.7063, 94.4476, 84.7891

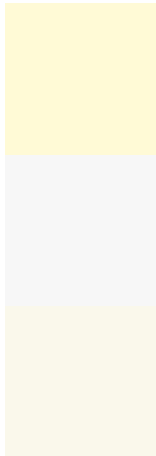
Deuteranomaly

89.5154, 94.2780, 90.5703

Tritanomaly

90.2289, 94.0728, 95.8404

Monochromacy



Original Color

87.5632, 94.4863, 77.2409

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9871, 93.4570, 91.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5632, 94.4863, 77.2409 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 214) }
```

Border

The CSS property to change the border of an element to XYZ 87.5632, 94.4863, 77.2409 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, 214) }
```


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

```
.border{ border-color:rgb(255, 250, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5632, 94.4863, 77.2409 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
250, 214) }
```

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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