

Converting Colors

XYZ(86.3102, 94.9490, 72.7027)

Have a look what the booklet for
XYZ(86.3102, 94.9490, 72.7027)
contains.

XYZ(86.2178, 94.8212, 72.7897)	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(86.2178, 94.8212,
72.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFCCF
RGB	252, 252, 207
RGB Percent	99%, 99%, 81%
CMY	0.0118, 0.0117, 0.1882
CMYK	0.00, 0.00, 0.18, 0.01
HSL	60°, 88%, 90%
HSV	60°, 18%, 99%
XYZ	86.2178, 94.8212, 72.7897
YIQ	246.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

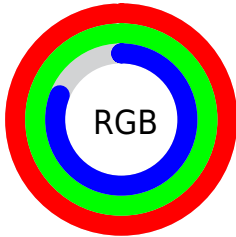
Format	Color
R _Y B	207, 252, 207
Decimal	16579791
CIE Lab	97.96, -7.20, 21.61
CIE LCh	98, 22.778, 108.435
Yxy	94.8212, 0.3397, 0.3736
Android (android.graphics.Color)	4294769871 (0xFFFCFCFF)
YUV	246.8700, -19.6559, 4.4990
Hunter-Lab	97.3762, -12.3627, 23.8434

Details

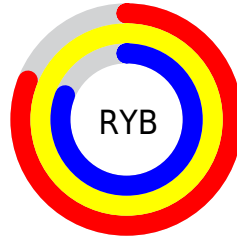
The XYZ color **86.2178, 94.8212, 72.7897** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.6192, 64.9218, 101.1733**, and the grayscale version is **88.4511, 93.0574, 101.3395**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7706, 52.9322, 37.8362** is the 20% darker color. If you saturate the color by 10%, you get **83.3795, 93.6889, 57.8377**, and if you desaturate by 10%, it is **89.5529, 96.1586, 90.3356**.

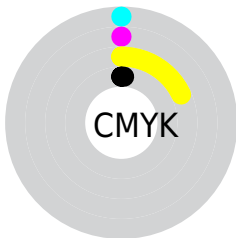
Distribution



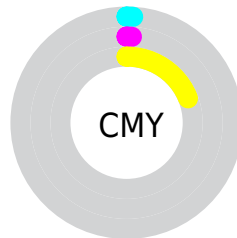
- Red (99%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2178, 94.8212, 72.7897 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 86.2178, 94.8212, 72.7897 by changing the saturation by 10% instead.


 86.2178, 94.8212,
72.7897

 86.2178, 94.8212,
72.7897


504.0723,
543.5924, 489.3368

 65.1740, 71.9862,
53.3132


140.9786,
154.0176, 124.8968

 47.8674, 53.1474,
37.6635


175.4264,
191.1477, 158.3645

 33.9327, 37.9204,
25.4218


215.0728,
233.8116, 197.3330

 23.0045, 25.9209,
16.1697

260.2832,
282.3938, 242.2209

 14.7176, 16.7645,
9.4887

311.4230,
337.2785, 293.4466

 8.7064, 10.0667,
4.9601

368.8575,

 4.6058, 5.4432,

398.8503, 351.4289

2.1656

432.9522,
467.4935, 416.5861

■ 2.0502, 2.5096,
0.6544

■ 0.6619, 0.8814,
0.0000

■ 86.2178, 94.8212,
72.7897

■ 86.2178, 94.8212,
72.7897

■ 83.3795, 93.6889,
57.8377

■ 89.5529, 96.1586,
90.3356

■ 81.0072, 92.7399,
45.3510


■ 93.0097, 97.5414,
108.5330


■ 79.0783, 91.9682,
35.1990


■ 93.0108, 97.5420,
108.5330


■ 77.5652, 91.3629,
27.2369


■ 93.0118, 97.5425,
108.5331


 76.4374, 90.9116,
21.3034


 93.0129, 97.5431,
108.5331


 75.6600, 90.6005,
17.2155


 93.0140, 97.5436,
108.5332


 75.1921, 90.4133,
14.7572

 93.0151, 97.5442,
108.5332

 74.9785, 90.3277,
13.6382

 93.0161, 97.5447,
108.5333

 74.9487, 90.3158,
13.4825

 93.0172, 97.5453,
108.5333

Harmonies

Analogous

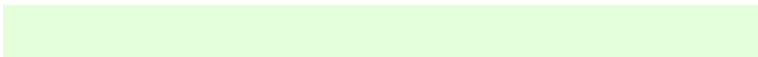
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6615, 94.8212, 71.9110



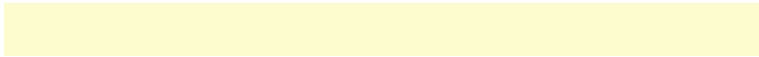
86.2178, 94.8212, 72.7897



81.0659, 94.8212, 81.2071

Triad

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



86.2178, 94.8212, 72.7897



82.0599, 94.8212, 132.5069



102.9740, 94.8212, 110.6109

Complementary

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



86.2178, 94.8212, 72.7897



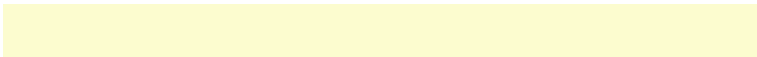
65.6192, 64.9218, 101.1733

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.



99.8345, 94.8212, 128.9457



86.2178, 94.8212, 72.7897



87.6346, 94.8212, 142.5676

Square

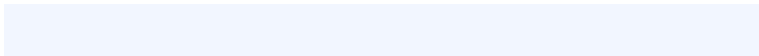
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2178, 94.8212, 72.7897



78.7463, 94.8212, 115.0203



94.1479, 94.8212, 141.1910



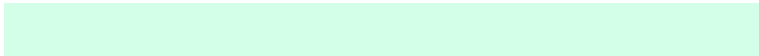
102.5495, 94.8212, 92.3006

Rectangle

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



86.2178, 94.8212, 72.7897



78.9605, 94.8212, 90.6013



94.1479, 94.8212, 141.1910



102.2945, 94.8212, 117.0117

Sweetspot

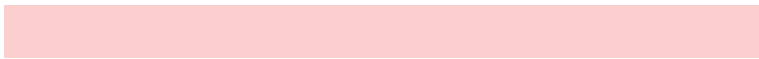
The Sweet Spot groups the original color and five complimentary colors.



86.2203, 94.8254, 72.7917



93.0640, 99.2056, 98.4450



73.7232, 69.8284, 68.6255



19.8621, 21.2111, 20.7689



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

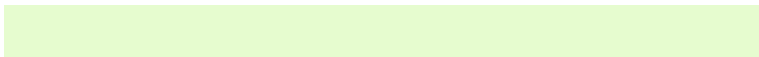
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2203, 94.8254, 72.7917



87.5933, 97.0171, 69.6458



78.5493, 90.8709, 72.4327



18.7273, 20.1907, 18.3726



39.0396, 47.0439, 7.0228



3.6158, 4.3571, 0.6504

Inverse Universe

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



65.6192, 64.9218, 101.1733



63.2520, 61.6843, 103.1803



72.3592, 68.3964, 101.4887



16.2833, 16.6432, 21.7395



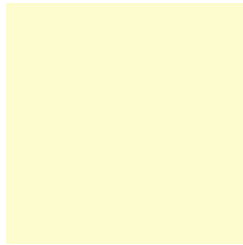
9.1530, 3.6612, 48.1978



0.8478, 0.3391, 4.4640

Previews

White Background



This preview shows how the XYZ color 86.2178, 94.8212, 72.7897 looks on a white background.

Color Contrast Check

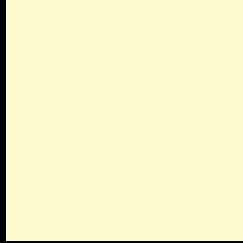
Large Text (above 18pt) WCAG AA × Fail

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 86.2178, 94.8212, 72.7897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

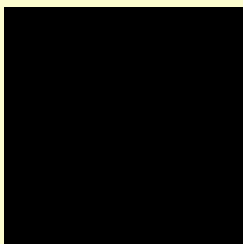
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2178, 94.8212, 72.7897

Background



This preview shows how black text looks on a background with the XYZ color 86.2178, 94.8212, 72.7897.



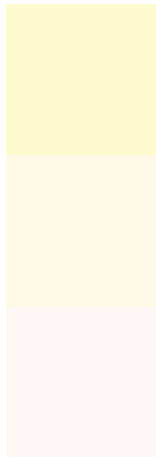
This preview shows how white text looks on a background with the XYZ color 86.2178, 94.8212,

72.7897.

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

86.2178, 94.8212, 72.7897

Protanopia

89.6812, 94.8376, 89.9227

Deuteranopia

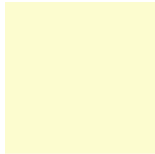
91.1365, 94.9265, 99.1072



Tritanopia

91.8188, 94.6242, 108.0327

Trichromacy



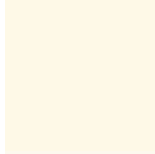
Original Color

86.2178, 94.8212, 72.7897



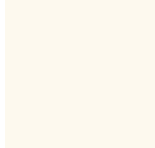
Protanomaly

88.3779, 94.7698, 83.4464



Deuteranomaly

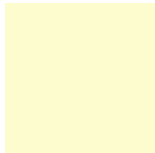
89.1725, 94.5917, 89.1594



Tritanomaly

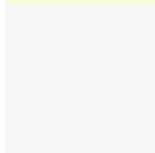
89.8163, 94.8071, 94.4547

Monochromacy



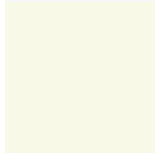
Original Color

86.2178, 94.8212, 72.7897



Achromatopsia

88.4070, 93.0111, 101.2891



Achromatomaly

87.5081, 93.7173, 89.8210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2178, 94.8212, 72.7897 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(252, 252, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 207)  
}
```

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(252, 252, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 207) }
```

Border

The CSS property to change the border of an element to XYZ 86.2178, 94.8212, 72.7897 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(252, 252, 207) }
```


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

```
.border{ border-color:rgb(252, 252, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2178, 94.8212, 72.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 207) }
```

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

```
.background{ background-color: rgb(252,  
252, 207) }
```

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