

Converting Colors

XYZ(98.2922, 100.0000,
72.1801)

Have a look what the booklet for
XYZ(98.2922, 100.0000, 72.1801)
contains.

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Color

**XYZ(86.4451, 94.0390,
71.3528)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFACD
RGB	255, 250, 205
RGB Percent	100%, 98%, 80%
CMY	0.0000, 0.0196, 0.1961
CMYK	0.00, 0.02, 0.20, 0.00
HSL	54°, 100%, 90%
HSV	54°, 20%, 100%
XYZ	86.4451, 94.0390, 71.3528
YIQ	246.3650, 17.4250, -12.9350

Conversions

Conversions Part 2

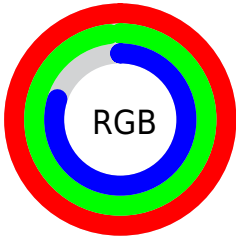
Format	Color
R _Y B	211, 255, 205
Decimal	16775885
CIE Lab	97.65, -5.42, 22.23
CIE LCh	98, 22.878, 103.714
Yxy	94.0390, 0.3433, 0.3734
Android (android.graphics.Color)	4294965965 (0xFFFFFACD)
YUV	246.3650, -20.3929, 7.5729
Hunter-Lab	96.9737, -10.5841, 24.2563

Details

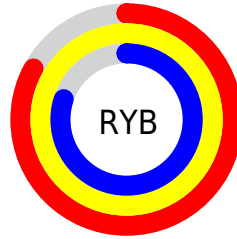
The XYZ color **86.4451, 94.0390, 71.3528** is a light color, and the websafe version is hex **FFFFCC**, and the color name is **lemonchiffon**. A complement of this color would be **66.2730, 66.2905, 103.9101**, and the grayscale version is **88.0449, 92.6301, 100.8742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1664, 52.8237, 36.9355** is the 20% darker color. If you saturate the color by 10%, you get **82.8290, 91.3379, 56.1790**, and if you desaturate by 10%, it is **90.5779, 96.9702, 89.1763**.

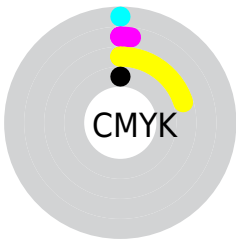
Distribution



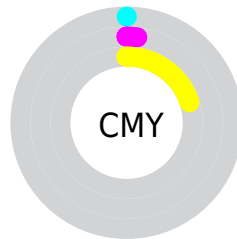
- Red (100%)
- Green (98%)
- Blue (80%)



- Red (83%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.4451, 94.0390, 71.3528 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 86.4451, 94.0390, 71.3528 by changing the saturation by 10% instead.


 86.4451, 94.0390,
71.3528

 86.4451, 94.0390,
71.3528


504.8097,
541.0838, 484.2026

 65.3626, 71.3354,
52.1466


141.2941,
152.9363, 122.8351

 48.0209, 52.6159,
36.7389


175.7913,
189.8987, 155.9482

 34.0548, 37.4963,
24.7112


215.4907,
232.3829, 194.5340

 23.0988, 25.5920,
15.6449

260.7579,
280.7733, 239.0111

 14.7876, 16.5186,
9.1216

311.9579,
335.4541, 289.7979

 8.7558, 9.8919,
4.7227

369.4564,

 4.6381, 5.3273,

396.8099, 347.3131

2.0296

433.6185,
465.2250, 411.9752

■ 2.0691, 2.4406,
0.5734

■ 0.6723, 0.8466,
0.0000

■ 86.4451, 94.0390,
71.3528

■ 86.4451, 94.0390,
71.3528

■ 82.8290, 91.3379,
56.1790

■ 90.5779, 96.9702,
89.1763

■ 79.6989, 88.8451,
43.5210

95.0500, 100.0000,
108.9000

■ 77.0305, 86.5540,
33.2424

■ 74.7951, 84.4529,
25.1914

■ 72.9603, 82.5289,
19.1987

■ 71.4896, 80.7673,
15.0708

■ 70.3389, 79.1505,
12.5773

■ 69.4398, 77.6508,
11.3570

■ 69.4065, 77.5931,
11.3188

Harmonies

Analogous

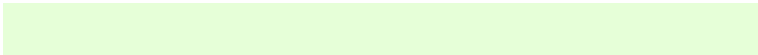
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9393, 94.0390, 71.6808



86.4451, 94.0390, 71.3528



81.0034, 94.0390, 78.5956

Triad

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



86.4451, 94.0390, 71.3528



80.6318, 94.0390, 129.2308



101.9486, 94.0390, 112.7830

Complementary

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



86.4451, 94.0390, 71.3528



66.2730, 66.2905, 103.9101

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.



98.3177, 94.0390, 130.5647



86.4451, 94.0390, 71.3528



85.9152, 94.0390, 140.8204

Square

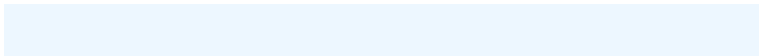
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4451, 94.0390, 71.3528



77.7589, 94.0390, 111.1327



92.3831, 94.0390, 141.3363



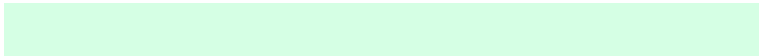
102.1075, 94.0390, 94.1230

Rectangle

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



86.4451, 94.0390, 71.3528



78.6168, 94.0390, 87.3168



92.3831, 94.0390, 141.3363



101.0860, 94.0390, 119.1106

Sweetspot

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



86.4473, 94.0430, 71.3548



92.1981, 98.0823, 96.2770



74.7049, 69.5769, 70.4663



19.6703, 20.9501, 20.3263



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

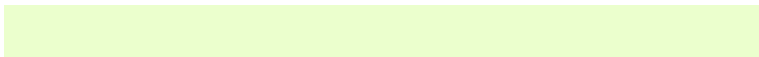
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4473, 94.0430, 71.3548



84.7961, 92.8279, 64.3696



81.0409, 93.5902, 71.5523



19.3971, 20.7623, 19.1295



36.3296, 40.6704, 5.9354



3.5803, 4.0459, 0.5922

Inverse Universe

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



66.2730, 66.2905, 103.9101



60.8808, 59.9309, 102.9668



70.9335, 66.8914, 103.7805



17.1489, 17.6695, 22.7567



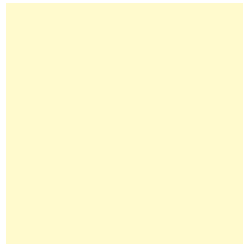
9.6661, 4.2418, 49.7439



0.9874, 0.5055, 4.8588

Previews

White Background



This preview shows how the XYZ color 86.4451, 94.0390, 71.3528 looks on a white background.

Color Contrast Check

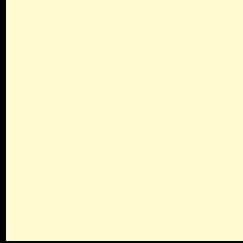
Large Text (above 18pt) WCAG AA × Fail

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 86.4451, 94.0390, 71.3528 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 86.4451, 94.0390, 71.3528

Background



This preview shows how black text looks on a background with the XYZ color 86.4451, 94.0390, 71.3528.



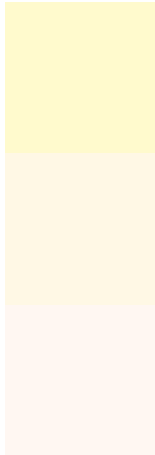
This preview shows how white text looks on a background with the XYZ color 86.4451, 94.0390,

71.3528.

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

86.4451, 94.0390, 71.3528

Protanopia

88.9503, 94.0519, 87.5944

Deuteranopia

90.5278, 94.1923, 97.4140



Tritanopia

91.7818, 93.7206, 107.0184

Trichromacy



Original Color

86.4451, 94.0390, 71.3528

Protanomaly

88.0339, 94.1787, 81.2486

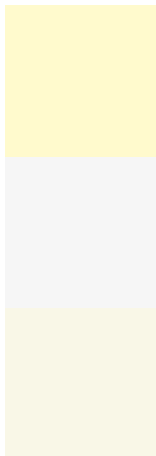
Deuteranomaly

88.9503, 94.0519, 87.5944

Tritanomaly

89.6411, 93.8377, 92.7448

Monochromacy



Original Color

86.4451, 94.0390, 71.3528

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.7515, 92.4308, 88.8699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4451, 94.0390, 71.3528 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 205) }
```

Border

The CSS property to change the border of an element to XYZ 86.4451, 94.0390, 71.3528 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, 205) }
```


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

```
.border{ border-color:rgb(255, 250, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4451, 94.0390, 71.3528 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
250, 205) }
```

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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