

Converting Colors

XYZ(96.9472, 100.0000,
81.6056)

Have a look what the booklet for
XYZ(96.9472, 100.0000, 81.6056)
contains.

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Color

**XYZ(88.9687, 96.0481,
81.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCDC
RGB	255, 252, 220
RGB Percent	100%, 99%, 86%
CMY	0.0000, 0.0117, 0.1372
CMYK	0.00, 0.01, 0.14, 0.00
HSL	55°, 100%, 93%
HSV	55°, 14%, 100%
XYZ	88.9687, 96.0481, 81.5601
YIQ	249.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

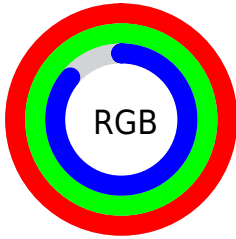
Format	Color
R _Y B	223, 255, 220
Decimal	16776412
CIE Lab	98.45, -4.22, 15.69
CIE LCh	98, 16.251, 105.047
Yxy	96.0481, 0.3337, 0.3603
Android (android.graphics.Color)	4294966492 (0xFFFFFDCD)
YUV	249.2490, -14.4198, 5.0436
Hunter-Lab	98.0041, -9.4639, 19.2611

Details

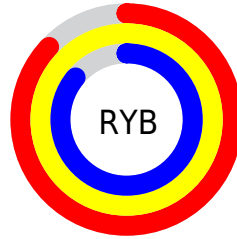
The XYZ color **88.9687, 96.0481, 81.5601** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.9523, 75.2090, 105.2268**, and the grayscale version is **90.3572, 95.0628, 103.5234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5953, 53.7526, 43.3586** is the 20% darker color. If you saturate the color by 10%, you get **85.1653, 93.4401, 64.8820**, and if you desaturate by 10%, it is **93.2995, 98.8860, 100.9580**.

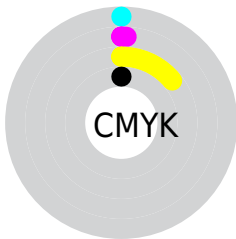
Distribution



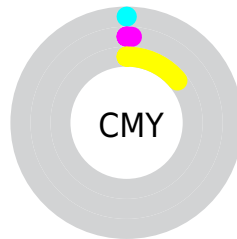
- Red (100%)
- Green (99%)
- Blue (86%)



- Red (87%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9687, 96.0481, 81.5601 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 88.9687, 96.0481, 81.5601 by changing the saturation by 10% instead.


 88.9687, 96.0481,
81.5601

 88.9687, 96.0481,
81.5601


512.9584,
547.5149, 520.0198

 67.4591, 73.0076,
60.4693


144.7907,
155.7118, 137.3881

 49.7298, 53.9822,
43.3692


179.8337,
193.1038, 172.9623

 35.4157, 38.5874,
29.8414


220.1186,
236.0484, 214.2015

 24.1513, 26.4389,
19.4672

266.0108,
284.9301, 261.5241

 15.5712, 17.1523,
11.8281

317.8754,
340.1332, 315.3487

 9.3102, 10.3431,
6.5056

376.0780,

 5.0028, 5.6271,

402.0421, 376.0938

3.0812

440.9839,
471.0412, 444.1780

■ 2.2837, 2.6197,
1.1362

■ 0.7863, 0.9366,
0.0000

■ 88.9687, 96.0481,
81.5601

■ 88.9687, 96.0481,
81.5601

■ 85.1653, 93.4401,
64.8820

■ 93.2995, 98.8860,
100.9580

■ 81.8595, 91.0405,
50.7952

95.0500, 100.0000,
108.9000

■ 79.0285, 88.8433,
39.1696

■ 76.6449, 86.8376,
29.8619

■ 74.6786, 85.0112,
22.7135

■ 73.0958, 83.3505,
17.5462

■ 71.8572, 81.8399,
14.1534

■ 70.9149, 80.4601,
12.2830

■ 70.4319, 79.6438,
11.6606

Harmonies

Analogous

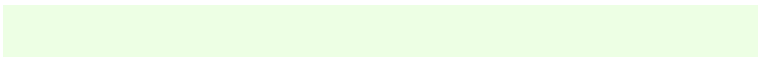
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6386, 96.0481, 81.5509



88.9687, 96.0481, 81.5601



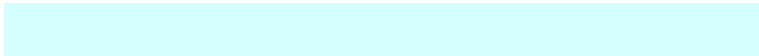
85.0540, 96.0481, 87.3666

Triad

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



88.9687, 96.0481, 81.5601



85.0639, 96.0481, 123.9513



100.2874, 96.0481, 111.3896

Complementary

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



88.9687, 96.0481, 81.5601



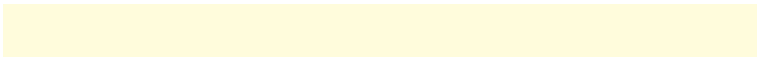
73.9523, 75.2090, 105.2268

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.



97.8254, 96.0481, 123.9179



88.9687, 96.0481, 81.5601



88.9827, 96.0481, 131.5815

Square

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



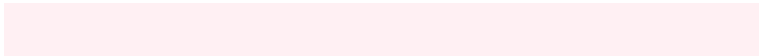
88.9687, 96.0481, 81.5601



82.8526, 96.0481, 111.4321



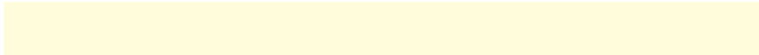
93.6530, 96.0481, 131.5688



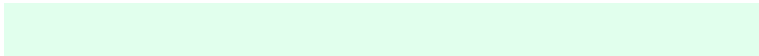
100.2834, 96.0481, 98.0148

Rectangle

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



88.9687, 96.0481, 81.5601



83.3531, 96.0481, 94.0540



93.6530, 96.0481, 131.5688



99.7172, 96.0481, 115.8635

Sweetspot

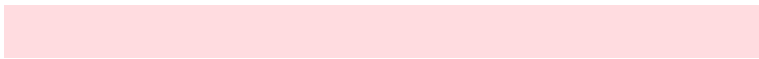
The Sweet Spot groups the original color and five complimentary colors.



88.9709, 96.0521, 81.5621



93.1732, 98.8049, 100.3867



80.2208, 77.8022, 80.9565



19.8694, 21.1011, 21.1551



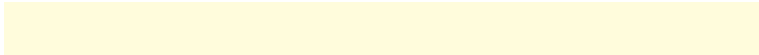
0.0000, 0.0000, 0.0000



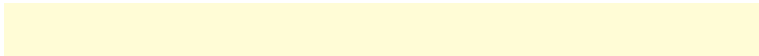
20.3446, 21.4041, 23.3091

Same Dimension

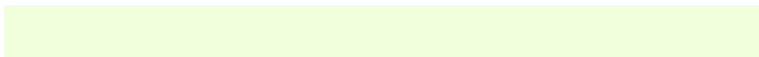
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9709, 96.0521, 81.5621



88.0599, 95.4387, 77.5326



84.9544, 95.3883, 81.6457



19.4205, 20.8092, 19.1373



36.8574, 41.7260, 6.1113



3.6262, 4.1377, 0.6075

Inverse Universe

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



73.9523, 75.2090, 105.2268



70.8311, 71.5285, 104.6809



77.5758, 75.9000, 105.1692



17.1279, 17.6274, 22.7496



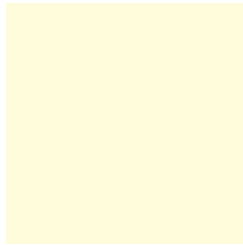
9.6222, 4.1539, 49.7292



0.9775, 0.4857, 4.8555

Previews

White Background



This preview shows how the XYZ color 88.9687, 96.0481, 81.5601 looks on a white background.

Color Contrast Check

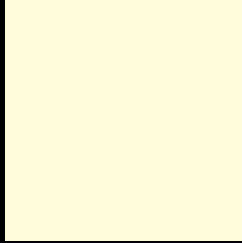
Large Text (above 18pt) WCAG AA × Fail

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 88.9687, 96.0481, 81.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

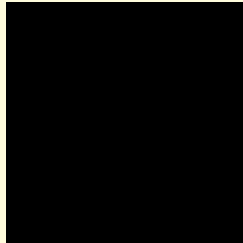
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9687, 96.0481, 81.5601

Background



This preview shows how black text looks on a background with the XYZ color 88.9687, 96.0481, 81.5601.



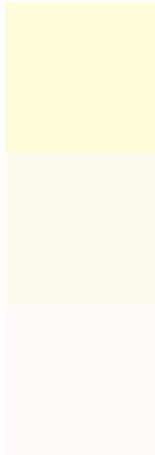
This preview shows how white text looks on a background with the XYZ color 88.9687, 96.0481,

81.5601.

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

88.9687, 96.0481, 81.5601

Protanopia

91.0056, 95.8632, 95.3683

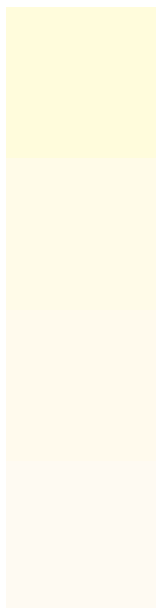
Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

92.7987, 96.0422, 108.2547

Trichromacy



Original Color

88.9687, 96.0481, 81.5601

Protanomaly

90.3027, 96.0806, 90.1299

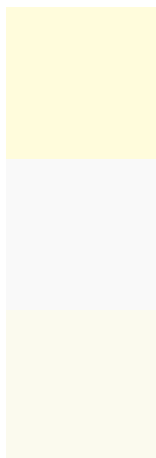
Deuteranomaly

90.7117, 95.7456, 93.8205

Tritanomaly

91.0857, 95.8528, 97.7051

Monochromacy



Original Color

88.9687, 96.0481, 81.5601

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.4019, 95.0535, 94.5241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9687, 96.0481, 81.5601 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, 252, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 220)  
}
```

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, 252, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 220) }
```

Border

The CSS property to change the border of an element to XYZ 88.9687, 96.0481, 81.5601 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, 252, 220) }
```


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

```
.border{ border-color:rgb(255, 252, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9687, 96.0481, 81.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 220) }
```

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

```
.background{ background-color: rgb(255,  
252, 220) }
```

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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