

Converting Colors

XYZ(89.3259, 97.5333, 86.7561)

Have a look what the booklet for
XYZ(89.3259, 97.5333, 86.7561)
contains.

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Color

**XYZ(89.4088, 97.5753,
86.7946)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFE3
RGB	251, 255, 227
RGB Percent	98%, 100%, 89%
CMY	0.0157, 0.0000, 0.1098
CMYK	0.02, 0.00, 0.11, 0.00
HSL	69°, 100%, 95%
HSV	69°, 11%, 100%
XYZ	89.4088, 97.5753, 86.7946
YIQ	250.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

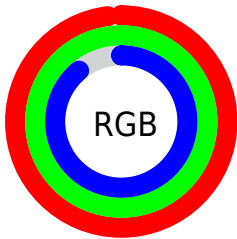
Format	Color
R_{YB}	227, 255, 231
Decimal	16515043
CIE Lab	99.05, -6.01, 12.93
CIE LCh	99, 14.259, 114.949
Yxy	97.5753, 0.3266, 0.3564
Android (android.graphics.Color)	4294705123 (0xFFFFBFFE3)
YUV	250.6120, -11.6407, 0.3403
Hunter-Lab	98.7802, -11.2999, 17.0502

Details

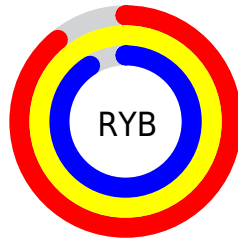
The XYZ color 89.4088, 97.5753, 86.7946 is a light color, and the websafe version is hex FFFCC. A complement of this color would be 78.4749, 79.1483, 105.7488, and the grayscale version is 91.4616, 96.2247, 104.7887.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.8886, 54.8361, 46.9847 is the 20% darker color. If you saturate the color by 10%, you get 84.8463, 95.6002, 69.5492, and if you desaturate by 10%, it is 94.5192, 99.7725, 106.7894.

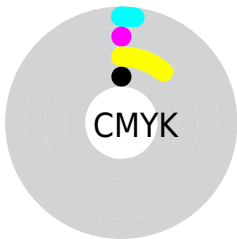
Distribution



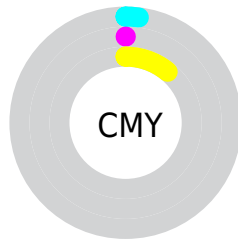
- Red (98%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4088, 97.5753, 86.7946 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 89.4088, 97.5753, 86.7946 by changing the saturation by 10% instead.


 89.4088, 97.5753,
86.7946

 89.4088, 97.5753,
86.7946


514.3724,
552.3771, 537.8464

 67.8251, 74.2802,
64.7666


145.3994,
157.8177, 144.7742

 50.0286, 55.0234,
46.8217


180.5371,
195.5339, 181.5628

 35.6540, 39.4205,
32.5414


220.9234,
238.8259, 224.1087

 24.3360, 27.0870,
21.5071

266.9237,
288.0781, 272.8304

 15.7091, 17.6386,
13.3003

318.9034,
343.6749, 328.1465

 9.4081, 10.6908,
7.5025

377.2279,

 5.0675, 5.8593,

406.0008, 390.4755

3.6951

442.2624,
475.4400, 460.2359

■ 2.3221, 2.7597,
1.4596

■ 0.8059, 1.0076,
0.1876

■ 89.4088, 97.5753,
86.7946

■ 89.4088, 97.5753,
86.7946

■ 84.8463, 95.6002,
69.5492

94.5192, 99.7725,
106.7894

■ 80.8068, 93.8372,
54.9287

95.0500, 100.0000,
108.9000

■ 77.2662, 92.2766,
42.8053

■ 74.1978, 90.9078,
33.0390

■ 71.5722, 89.7189,
25.4758

■ 69.3567, 88.6969,
19.9436

■ 67.5134, 87.8267,
16.2448

■ 65.9974, 87.0901,
14.1424

■ 64.8470, 86.5149,
13.2812

Harmonies

Analogous

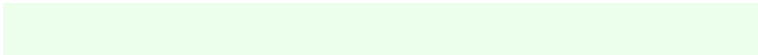
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4485, 97.5753, 85.0163



89.4088, 97.5753, 86.7946



86.3464, 97.5753, 93.6208

Triad

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



89.4088, 97.5753, 86.7946



88.2235, 97.5753, 126.1238



100.9415, 97.5753, 108.2729

Complementary

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



89.4088, 97.5753, 86.7946



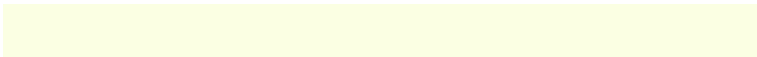
78.4749, 79.1483, 105.7488

Split Complementary

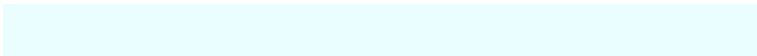
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.4466, 97.5753, 119.9513



89.4088, 97.5753, 86.7946



92.0398, 97.5753, 130.7377

Square

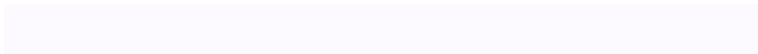
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



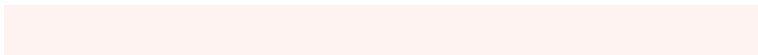
89.4088, 97.5753, 86.7946



85.6766, 97.5753, 116.2028



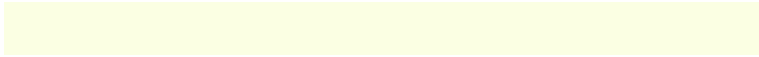
96.1578, 97.5753, 128.3989



100.1864, 97.5753, 96.8691

Rectangle

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



89.4088, 97.5753, 86.7946



85.2296, 97.5753, 100.4038



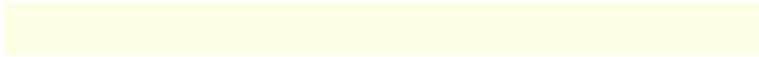
96.1578, 97.5753, 128.3989



100.6842, 97.5753, 112.3041

Sweetspot

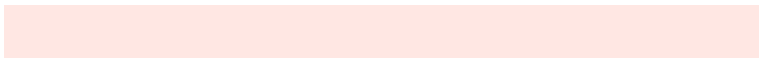
The Sweet Spot groups the original color and five complimentary colors.



89.4095, 97.5756, 86.7960



93.4417, 99.3104, 102.5230



83.6072, 83.8098, 84.4448



19.9102, 21.2178, 21.5886



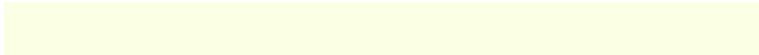
0.0000, 0.0000, 0.0000



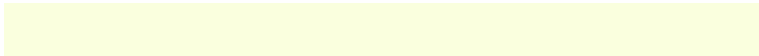
20.3446, 21.4041, 23.3091

Same Dimension

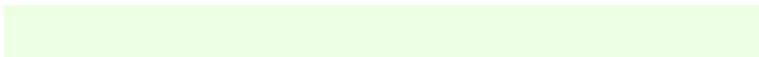
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4095, 97.5756, 86.7960



88.4442, 97.1589, 83.0939



84.6400, 95.1168, 86.5728



19.2912, 20.9515, 19.1716



33.9817, 45.2563, 6.9443



3.3755, 4.4409, 0.6793

Inverse Universe

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



78.4749, 79.1483, 105.7488



75.6792, 75.6463, 105.2202



83.0831, 81.5239, 105.9645



17.2443, 17.5022, 22.7193



9.8919, 4.0099, 49.6872



1.0323, 0.4261, 4.8411

Previews

White Background



This preview shows how the XYZ color 89.4088, 97.5753, 86.7946 looks on a white background.

Color Contrast Check

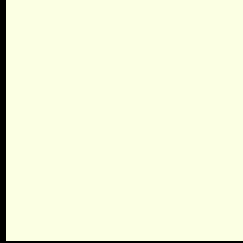
Large Text (above 18pt) WCAG AA × Fail

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 89.4088, 97.5753, 86.7946 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 89.4088, 97.5753, 86.7946

Background



This preview shows how black text looks on a background with the XYZ color 89.4088, 97.5753, 86.7946.



This preview shows how white text looks on a background with the XYZ color 89.4088, 97.5753,

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

89.4088, 97.5753, 86.7946



Protanopia

92.6850, 97.5346, 101.1298

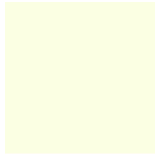
Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

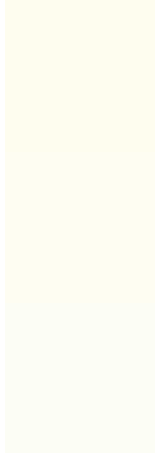
93.3684, 97.7235, 108.5492

Trichromacy



Original Color

89.4088, 97.5753, 86.7946



Protanomaly

91.5783, 97.5534, 95.6643

Deuteranomaly

92.0253, 97.7322, 98.0183

Tritanomaly

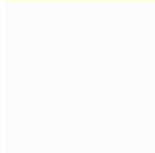
91.7516, 97.5386, 100.3772

Monochromacy



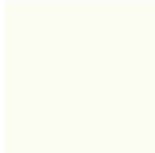
Original Color

89.4088, 97.5753, 86.7946



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.6211, 96.5408, 97.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4088, 97.5753, 86.7946 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(251, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 227)  
}
```

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(251, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 227) }
```

Border

The CSS property to change the border of an element to XYZ 89.4088, 97.5753, 86.7946 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(251, 255, 227) }
```


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

```
.border{ border-color:rgb(251, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4088, 97.5753, 86.7946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 227) }
```

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

```
.background{ background-color: rgb(251,  
255, 227) }
```

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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