

Converting Colors

XYZ(90.1121, 97.9487, 86.3366)

Have a look what the booklet for
XYZ(90.1121, 97.9487, 86.3366)
contains.

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Color

**XYZ(89.9955, 97.8936,
86.1036)**

Conversions

Conversions Part 1

Format	Color
Hex	FDFFE2
RGB	253, 255, 226
RGB Percent	99%, 100%, 89%
CMY	0.0078, 0.0000, 0.1137
CMYK	0.01, 0.00, 0.11, 0.00
HSL	64°, 100%, 94%
HSV	64°, 11%, 100%
XYZ	89.9955, 97.8936, 86.1036
YIQ	251.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

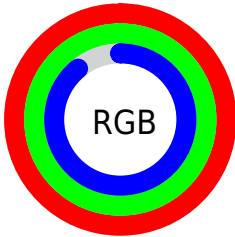
Format	Color
R_{YB}	226, 255, 228
Decimal	16646114
CIE _{Lab}	99.18, -5.48, 13.64
CIE _{LCh}	99, 14.699, 111.907
Yxy	97.8936, 0.3285, 0.3573
Android (android.graphics.Color)	4294836194 (0xFFFDFFE2)
YUV	251.0960, -12.3723, 1.6698
Hunter-Lab	98.9412, -10.7860, 17.6617

Details

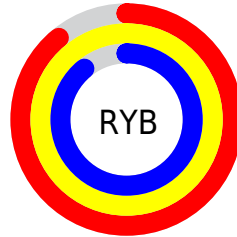
The XYZ color 89.9955, 97.8936, 86.1036 is a light color, and the websafe version is hex FFFFC. A complement of this color would be 77.2421, 78.1079, 105.6130, and the grayscale version is 91.8684, 96.6527, 105.2548.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3097, 55.0642, 46.5049 is the 20% darker color. If you saturate the color by 10%, you get 86.1156, 96.2681, 68.9945, and if you desaturate by 10%, it is 94.4032, 99.7310, 105.9567.

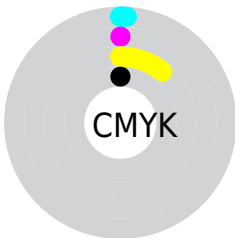
Distribution



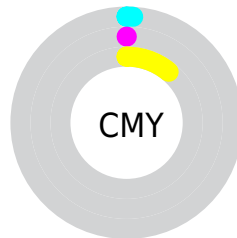
- Red (99%)
- Green (100%)
- Blue (89%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.9955, 97.8936, 86.1036 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 89.9955, 97.8936, 86.1036 by changing the saturation by 10% instead.


 89.9955, 97.8936,
86.1036

 89.9955, 97.8936,
86.1036


516.2543,
553.3876, 535.5123

 68.3132, 74.5456,
64.1983


146.2105,
158.2562, 143.8019

 50.4272, 55.2407,
46.3641


181.4739,
196.0397, 180.4319

 35.9721, 39.5945,
32.1825


221.9951,
239.4038, 222.8072

 24.5827, 27.2225,
21.2349

268.1393,
288.7330, 271.3464

 15.8935, 17.7404,
13.1029

320.2720,
344.4115, 326.4679

 9.5392, 10.7638,
7.3679

378.7585,

 5.1544, 5.9082,

406.8239, 388.5904

3.6113

443.9642,
476.3545, 458.1323

■ 2.3738, 2.7894,
1.4146

■ 0.8320, 1.0228,
0.1531

■ 89.9955, 97.8936,
86.1036

■ 89.9955, 97.8936,
86.1036

■ 86.1156, 96.2681,
68.9945


94.4032, 99.7310,
105.9567


■ 82.7384, 94.8444,
54.5045


95.0500, 100.0000,
108.9000

■ 79.8401, 93.6128,
42.5054


■ 77.3939, 92.5628,
32.8568

 75.3705, 91.6825,
25.4040

 73.7370, 90.9589,
19.9742

 72.4557, 90.3769,
16.3684

 71.4811, 89.9182,
14.3476

 70.8265, 89.5975,
13.5611

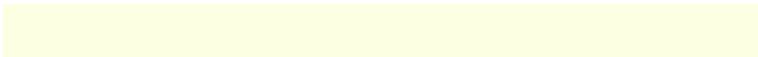
Harmonies

Analogous

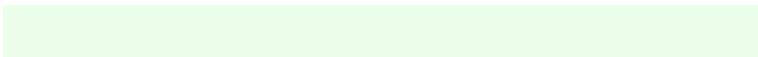
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2133, 97.8936, 84.8320



89.9955, 97.8936, 86.1036



86.6912, 97.8936, 92.6440

Triad

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



89.9955, 97.8936, 86.1036



88.0389, 97.8936, 126.3228



101.4691, 97.8936, 109.9566

Complementary

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



89.9955, 97.8936, 86.1036



77.2421, 78.1079, 105.6130

Split Complementary

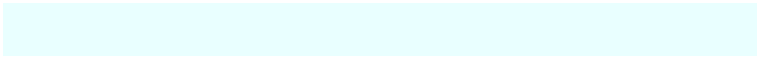
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.7017, 97.8936, 121.8686



89.9955, 97.8936, 86.1036



91.8863, 97.8936, 131.7812

Square

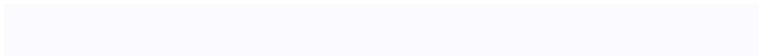
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



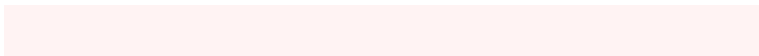
89.9955, 97.8936, 86.1036



85.5860, 97.8936, 115.6661



96.1625, 97.8936, 130.0914



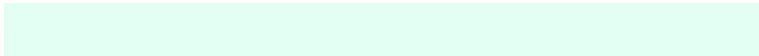
100.9251, 97.8936, 98.0006

Rectangle

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



89.9955, 97.8936, 86.1036



85.4083, 97.8936, 99.4065



96.1625, 97.8936, 130.0914



101.1237, 97.8936, 114.1104

Sweetspot

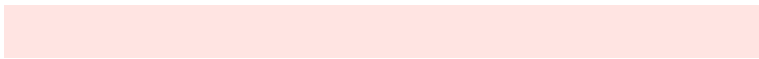
The Sweet Spot groups the original color and five complimentary colors.



89.9962, 97.8940, 86.1051



93.6488, 99.4172, 102.5327



82.6933, 82.2022, 83.4611



19.9663, 21.2467, 21.5913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

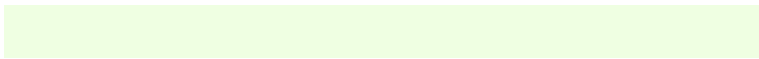
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9962, 97.8940, 86.1051



88.9262, 97.4466, 81.3472



84.9386, 95.2867, 85.8684



19.4303, 21.0233, 19.1781



37.0609, 46.8437, 7.0884



3.6441, 4.5794, 0.6918

Inverse Universe

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



77.2421, 78.1079, 105.6130



73.5108, 73.5316, 104.9263



82.0141, 80.5680, 105.8363



17.1189, 17.4375, 22.7135



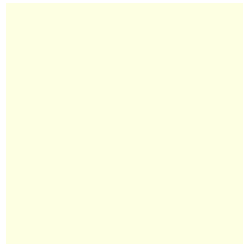
9.6002, 3.8596, 49.6736



0.9733, 0.3957, 4.8383

Previews

White Background



This preview shows how the XYZ color 89.9955, 97.8936, 86.1036 looks on a white background.

Color Contrast Check

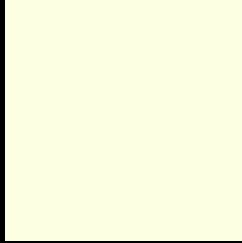
Large Text (above 18pt) WCAG AA × Fail

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 89.9955, 97.8936, 86.1036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

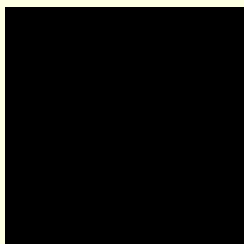
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9955, 97.8936, 86.1036

Background



This preview shows how black text looks on a background with the XYZ color 89.9955, 97.8936, 86.1036.

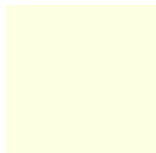


This preview shows how white text looks on a background with the XYZ color 89.9955, 97.8936,

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

89.9955, 97.8936, 86.1036

Protanopia

92.8389, 97.5962, 101.9405

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.7335, 97.9116, 108.5663

Trichromacy



Original Color

89.9955, 97.8936, 86.1036

Protanomaly

91.5783, 97.5534, 95.6643

Deuteranomaly

92.0253, 97.7322, 98.0183

Tritanomaly

92.3275, 97.8530, 99.6093

Monochromacy



Original Color

89.9955, 97.8936, 86.1036



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.9823, 96.7271, 97.8793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9955, 97.8936, 86.1036 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(253, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 226)  
}
```

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(253, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 226) }
```

Border

The CSS property to change the border of an element to XYZ 89.9955, 97.8936, 86.1036 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(253, 255, 226) }
```


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

```
.border{ border-color:rgb(253, 255, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9955, 97.8936, 86.1036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 226) }
```

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

```
.background{ background-color: rgb(253,  
255, 226) }
```

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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