

Converting Colors

XYZ(88.8555, 97.3800, 82.7017)

Have a look what the booklet for
XYZ(88.8555, 97.3800, 82.7017)
contains.

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Color

**XYZ(88.9560, 97.4359,
82.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFFDD
RGB	252, 255, 221
RGB Percent	99%, 100%, 87%
CMY	0.0118, 0.0000, 0.1333
CMYK	0.01, 0.00, 0.13, 0.00
HSL	65°, 100%, 93%
HSV	65°, 13%, 100%
XYZ	88.9560, 97.4359, 82.5251
YIQ	250.2270, 9.1260, -11.2100

Conversions

Conversions Part 2

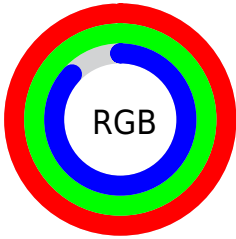
Format	Color
R _Y B	221, 255, 224
Decimal	16580573
CIE Lab	99.00, -6.61, 15.93
CIE LCh	99, 17.242, 112.531
Yxy	97.4359, 0.3308, 0.3623
Android (android.graphics.Color)	4294770653 (0xFFFCFFDD)
YUV	250.2270, -14.4089, 1.5549
Hunter-Lab	98.7096, -11.8797, 19.5280

Details

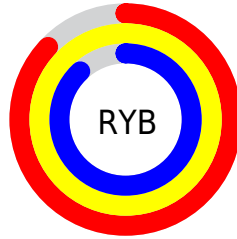
The XYZ color **88.9560, 97.4359, 82.5251** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.6478, 74.7814, 105.1076**, and the grayscale version is **91.1633, 95.9109, 104.4470**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5827, 54.7434, 44.0296** is the 20% darker color. If you saturate the color by 10%, you get **85.0025, 95.7610, 65.9314**, and if you desaturate by 10%, it is **93.4365, 99.3228, 101.8399**.

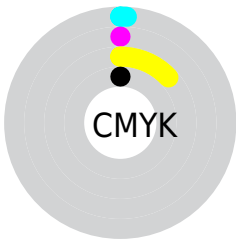
Distribution



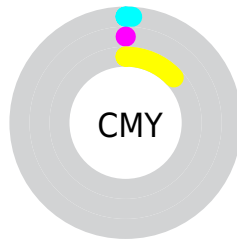
- Red (99%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.9560, 97.4359, 82.5251 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 88.9560, 97.4359, 82.5251 by changing the saturation by 10% instead.


 88.9560, 97.4359,
82.5251

 88.9560, 97.4359,
82.5251


512.9175,
551.9342, 523.3319

 67.4485, 74.1640,
61.2601


144.7731,
157.6256, 138.7534

 49.7212, 54.9283,
44.0032


179.8134,
195.3123, 174.5538

 35.4088, 39.3443,
30.3358


220.0954,
238.5727, 216.0365

 24.1460, 27.0277,
19.8394

265.9844,
287.7912, 263.6199

 15.5673, 17.5940,
12.0954

317.8458,
343.3522, 317.7226

 9.3074, 10.6589,
6.6854

376.0448,

 5.0009, 5.8380,

405.6401, 378.7631

3.1907

440.9470,
475.0393, 447.1601

■ 2.2826, 2.7468,
1.1928

■ 0.7857, 1.0010,
0.0000

■ 88.9560, 97.4359,
82.5251

■ 88.9560, 97.4359,
82.5251

■ 85.0025, 95.7610,
65.9314

■ 93.4365, 99.3228,
101.8399

■ 81.5510, 94.2879,
51.9324

95.0500, 100.0000,
108.9000

■ 78.5769, 93.0069,
40.3978

■ 76.0531, 91.9072,
31.1848

■ 73.9497, 90.9767,
24.1356

■ 72.2329, 90.2019,
19.0728

■ 70.8637, 89.5673,
15.7912

■ 69.7946, 89.0538,
14.0409

■ 69.2031, 88.7605,
13.4851

Harmonies

Analogous

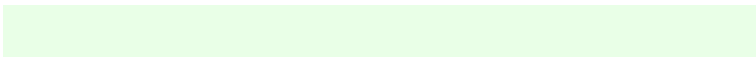
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.8718, 97.4359, 80.9472



88.9560, 97.4359, 82.5251



85.1496, 97.4359, 90.1293

Triad

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



88.9560, 97.4359, 82.5251



86.8545, 97.4359, 129.6087



102.5261, 97.4359, 109.7298

Complementary

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



88.9560, 97.4359, 82.5251



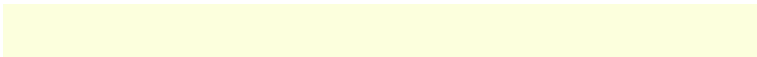
74.6478, 74.7814, 105.1076

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.



100.4937, 97.4359, 123.8344



88.9560, 97.4359, 82.5251



91.3593, 97.4359, 135.9673

Square

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



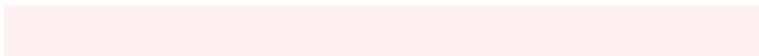
88.9560, 97.4359, 82.5251



83.9673, 97.4359, 117.0537



96.3625, 97.4359, 133.7640



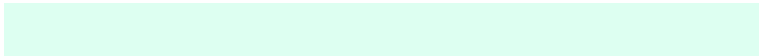
101.8261, 97.4359, 95.8354

Rectangle

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



88.9560, 97.4359, 82.5251



83.6941, 97.4359, 97.9977



96.3625, 97.4359, 133.7640



102.1374, 97.4359, 114.6183

Sweetspot

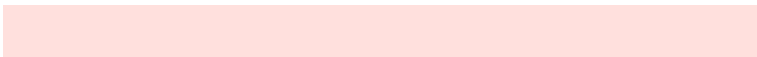
The Sweet Spot groups the original color and five complimentary colors.



88.9566, 97.4362, 82.5265



93.1206, 99.1901, 100.4638



80.9028, 79.7033, 79.5282



19.8561, 21.1990, 21.1747



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

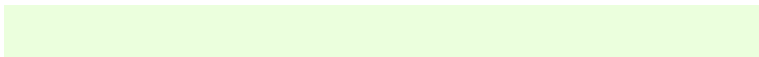
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9566, 97.4362, 82.5265



87.8514, 96.9690, 77.8390



83.1278, 94.4313, 82.2537



19.3939, 21.0045, 19.1764



36.2255, 46.4130, 7.0493



3.5716, 4.5420, 0.6884

Inverse Universe

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



74.6478, 74.7814, 105.1076



71.0006, 70.2889, 104.4327



80.1260, 77.6055, 105.3640



17.1515, 17.4543, 22.7150



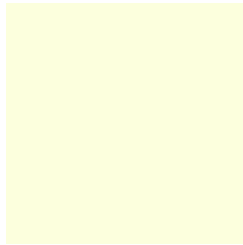
9.6604, 3.8906, 49.6764



0.9887, 0.4036, 4.8391

Previews

White Background



This preview shows how the XYZ color 88.9560, 97.4359, 82.5251 looks on a white background.

Color Contrast Check

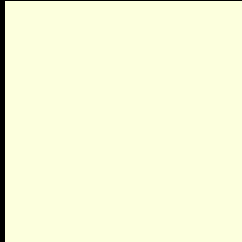
Large Text (above 18pt) WCAG AA × Fail

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 88.9560, 97.4359, 82.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

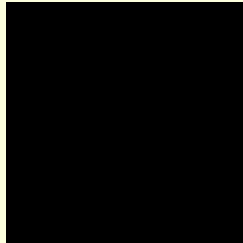
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9560, 97.4359, 82.5251

Background



This preview shows how black text looks on a background with the XYZ color 88.9560, 97.4359, 82.5251.

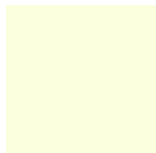


This preview shows how white text looks on a background with the XYZ color 88.9560, 97.4359,

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

88.9560, 97.4359, 82.5251



Protanopia

92.5318, 97.4734, 100.3235

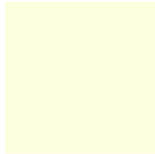
Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

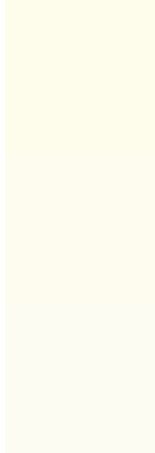
93.0552, 97.0970, 108.4448

Trichromacy



Original Color

88.9560, 97.4359, 82.5251



Protanomaly

91.1387, 97.3775, 93.3491

Deuteranomaly

91.2634, 96.9236, 95.5594

Tritanomaly

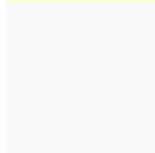
91.4961, 96.9745, 98.6896

Monochromacy



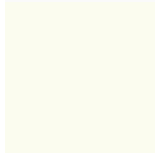
Original Color

88.9560, 97.4359, 82.5251



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.1741, 96.3620, 95.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9560, 97.4359, 82.5251 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, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 221)  
}
```

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, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 88.9560, 97.4359, 82.5251 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, 255, 221) }
```


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

```
.border{ border-color:rgb(252, 255, 221) }
```

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

Here you see how a box with a 4 pixel rgb(252, 255, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9560, 97.4359, 82.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 221) }
```

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

```
.background{ background-color: rgb(252,  
255, 221) }
```

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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