

Converting Colors

XYZ(89.9779, 100.0000,
83.0805)

Have a look what the booklet for
XYZ(89.9779, 100.0000, 83.0805)
contains.

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Color

**XYZ(88.5948, 97.2497,
82.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFDD
RGB	251, 255, 221
RGB Percent	98%, 100%, 87%
CMY	0.0157, 0.0000, 0.1333
CMYK	0.02, 0.00, 0.13, 0.00
HSL	67°, 100%, 93%
HSV	67°, 13%, 100%
XYZ	88.5948, 97.2497, 82.5082
YIQ	249.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

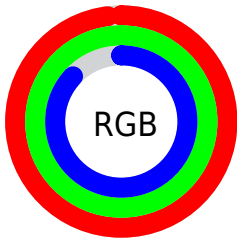
Format	Color
R _Y B	221, 255, 225
Decimal	16515037
CIE Lab	98.93, -6.95, 15.81
CIE LCh	99, 17.274, 113.738
Yxy	97.2497, 0.3301, 0.3624
Android (android.graphics.Color)	4294705117 (0xFFFBFFDD)
YUV	249.9280, -14.2615, 0.9401
Hunter-Lab	98.6153, -12.2144, 19.4247

Details

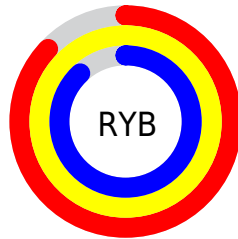
The XYZ color **88.5948, 97.2497, 82.5082** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.9586, 74.9416, 105.1222**, and the grayscale version is **90.9153, 95.6499, 104.1628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3252, 54.6107, 44.0176** is the 20% darker color. If you saturate the color by 10%, you get **84.3791, 95.4396, 65.9023**, and if you desaturate by 10%, it is **93.3449, 99.2756, 101.8356**.

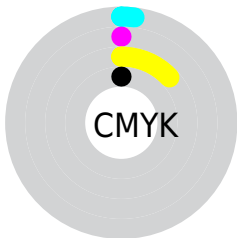
Distribution



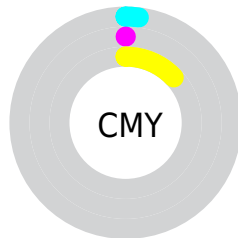
- Red (98%)
- Green (100%)
- Blue (87%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5948, 97.2497, 82.5082 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 88.5948, 97.2497, 82.5082 by changing the saturation by 10% instead.


 88.5948, 97.2497,
82.5082

 88.5948, 97.2497,
82.5082


511.7554,
551.3423, 523.2740

 67.1482, 74.0088,
61.2463


144.2733,
157.3690, 138.7295

 49.4762, 54.8013,
43.9921


179.2358,
195.0162, 174.5260

 35.2135, 39.2426,
30.3271


219.4344,
238.2344, 216.0044

 23.9947, 26.9485,
19.8329

265.2344,
287.4078, 263.5832

 15.4544, 17.5346,
12.0908

317.0012,
342.9209, 317.6810

 9.2273, 10.6164,
6.6822

375.1000,

 4.9480, 5.8095,

405.1581, 378.7164

3.1888

439.8963,
474.5038, 447.1079

■ 2.2512, 2.7296,
1.1918

■ 0.7695, 0.9922,
0.0000

■ 88.5948, 97.2497,
82.5082

■ 88.5948, 97.2497,
82.5082

■ 84.3791, 95.4396,
65.9023

■ 93.3449, 99.2756,
101.8356

■ 80.6728, 93.8352,
51.8913

95.0500, 100.0000,
108.9000

■ 77.4514, 92.4267,
40.3452

■ 74.6876, 91.2032,
31.1209

■ 72.3514, 90.1528,
24.0608

■ 70.4091, 89.2618,
18.9874

■ 68.8217, 88.5146,
15.6956

■ 67.5415, 87.8923,
13.9355

■ 66.8131, 87.5285,
13.3733

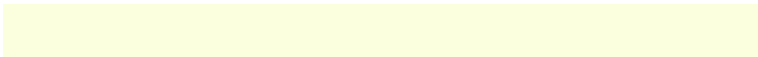
Harmonies

Analogous

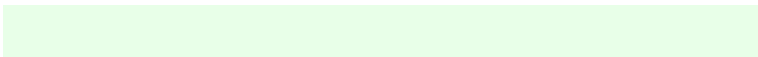
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4915, 97.2497, 80.6778



88.5948, 97.2497, 82.5082



84.8535, 97.2497, 90.3393

Triad

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



88.5948, 97.2497, 82.5082



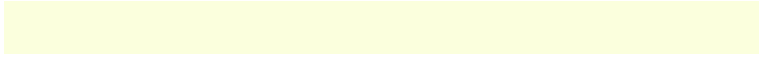
86.8309, 97.2497, 129.8236



102.3816, 97.2497, 108.9375

Complementary

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



88.5948, 97.2497, 82.5082



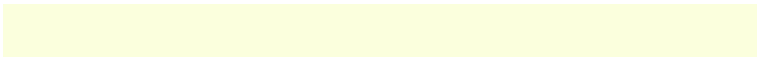
74.9586, 74.9416, 105.1222

Split Complementary

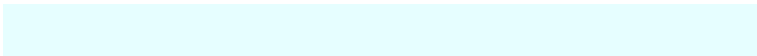
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.4508, 97.2497, 123.1266



88.5948, 97.2497, 82.5082



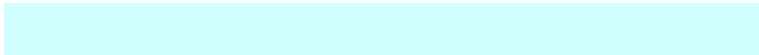
91.3823, 97.2497, 135.8696

Square

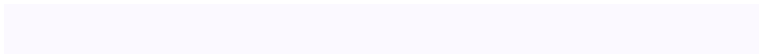
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



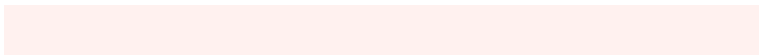
88.5948, 97.2497, 82.5082



83.8612, 97.2497, 117.4320



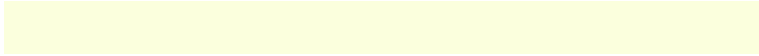
96.3803, 97.2497, 133.3142



101.5697, 97.2497, 95.1272

Rectangle

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



88.5948, 97.2497, 82.5082



83.4577, 97.2497, 98.3217



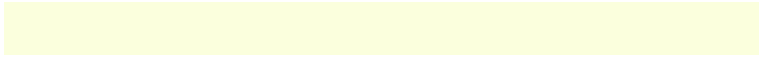
96.3803, 97.2497, 133.3142



102.0296, 97.2497, 113.8336

Sweetspot

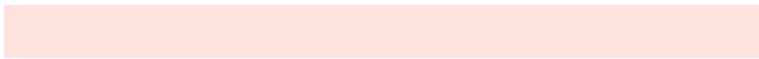
The Sweet Spot groups the original color and five complimentary colors.



88.5954, 97.2500, 82.5096



93.0109, 99.1335, 100.4587



81.2081, 80.3139, 79.6300



19.8282, 21.1846, 21.1734



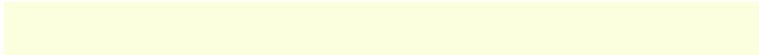
0.0000, 0.0000, 0.0000



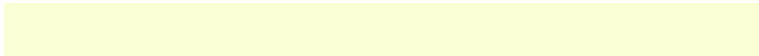
20.3446, 21.4041, 23.3091

Same Dimension

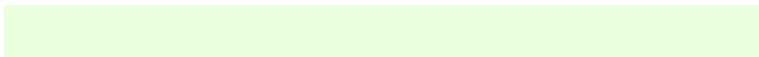
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5954, 97.2500, 82.5096



87.4195, 96.7464, 77.8187



82.7544, 94.2388, 82.2363



19.3385, 20.9759, 19.1738



34.9949, 45.7786, 6.9917



3.4643, 4.4867, 0.6834

Inverse Universe

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



74.9586, 74.9416, 105.1222



71.3604, 70.4744, 104.4496



80.5137, 77.8054, 105.3822



17.2014, 17.4800, 22.7173



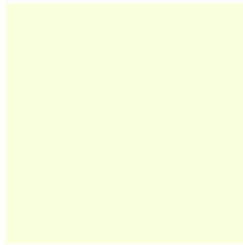
9.7734, 3.9489, 49.6817



1.0122, 0.4157, 4.8402

Previews

White Background



This preview shows how the XYZ color 88.5948, 97.2497, 82.5082 looks on a white background.

Color Contrast Check

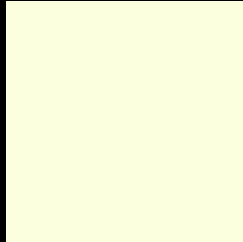
Large Text (above 18pt) WCAG AA × Fail

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 88.5948, 97.2497, 82.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

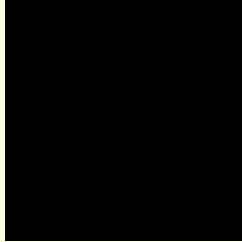
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.5948, 97.2497, 82.5082

Background



This preview shows how black text looks on a background with the XYZ color 88.5948, 97.2497, 82.5082.



This preview shows how white text looks on a background with the XYZ color 88.5948, 97.2497,

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

88.5948, 97.2497, 82.5082



Protanopia

92.3795, 97.4125, 99.5215

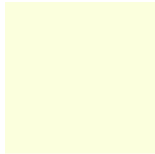
Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

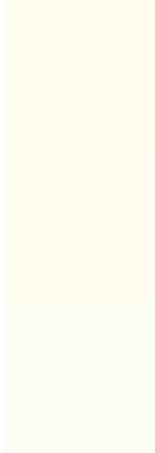
93.0552, 97.0970, 108.4448

Trichromacy



Original Color

88.5948, 97.2497, 82.5082



Protanomaly

91.1387, 97.3775, 93.3491

Deuteranomaly

91.2634, 96.9236, 95.5594

Tritanomaly

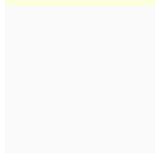
91.1329, 96.7873, 98.6726

Monochromacy



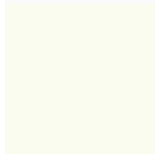
Original Color

88.5948, 97.2497, 82.5082



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

89.8147, 96.1768, 95.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5948, 97.2497, 82.5082 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 88.5948, 97.2497, 82.5082 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, 221) }
```


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

```
.border{ border-color:rgb(251, 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(251, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5948, 97.2497, 82.5082 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, 221) }
```

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

```
.background{ background-color: rgb(251,  
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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