

Converting Colors

XYZ(170.9582, 262.1198,
107.2384)

Have a look what the booklet for
XYZ(170.9582, 262.1198, 107.2384)
contains.

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Color

**XYZ(88.4293, 97.2252,
79.7513)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFFD9
RGB	252, 255, 217
RGB Percent	99%, 100%, 85%
CMY	0.0118, 0.0000, 0.1490
CMYK	0.01, 0.00, 0.15, 0.00
HSL	65°, 100%, 93%
HSV	65°, 15%, 100%
XYZ	88.4293, 97.2252, 79.7513
YIQ	249.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

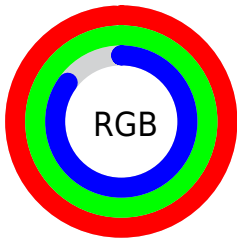
Format	Color
R _Y B	217, 255, 220
Decimal	16580569
CIE Lab	98.92, -7.22, 17.85
CIE LCh	99, 19.253, 112.013
Yxy	97.2252, 0.3332, 0.3663
Android (android.graphics.Color)	4294770649 (0xFFFCFFD9)
YUV	249.7710, -16.1561, 1.9548
Hunter-Lab	98.6028, -12.4721, 21.0674

Details

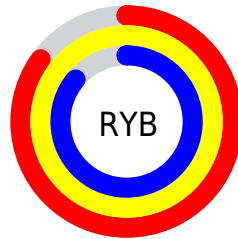
The XYZ color **88.4293, 97.2252, 79.7513** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.3789, 72.0626, 104.7024**, and the grayscale version is **90.7996, 95.5283, 104.0303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2213, 54.5989, 42.1268** is the 20% darker color. If you saturate the color by 10%, you get **84.6395, 95.6256, 63.5770**, and if you desaturate by 10%, it is **92.7406, 99.0344, 98.6279**.

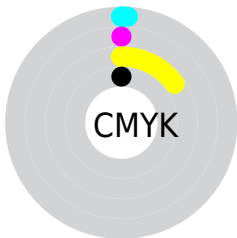
Distribution



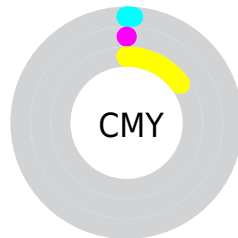
- Red (99%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4293, 97.2252, 79.7513 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 88.4293, 97.2252, 79.7513 by changing the saturation by 10% instead.


 88.4293, 97.2252,
79.7513

 88.4293, 97.2252,
79.7513


511.2225,
551.2644, 513.7790

 67.0106, 73.9884,
58.9888


144.0442,
157.3353, 134.8243

 49.3640, 54.7845,
42.1841


178.9711,
194.9773, 169.9717

 35.1240, 39.2292,
28.9188


219.1314,
238.1898, 210.7513

 23.9254, 26.9381,
18.7744

264.8906,
287.3573, 257.5815

 15.4027, 17.5267,
11.3322

316.6139,
342.8641, 310.8808

 9.1907, 10.6108,
6.1738

374.6668,

 4.9239, 5.8057,

405.0947, 371.0678

2.8805

439.4145,
474.4333, 438.5610

■ 2.2370, 2.7273,
1.0340

■ 0.7621, 0.9911,
0.0000

■ 88.4293, 97.2252,
79.7513

■ 88.4293, 97.2252,
79.7513

■ 84.6395, 95.6256,
63.5770

■ 92.7406, 99.0344,
98.6279

■ 81.3460, 94.2253,
49.9773

95.0500, 100.0000,
108.9000

■ 78.5239, 93.0145,
38.8204

■ 76.1457, 91.9821,
29.9613

■ 74.1810, 91.1160,
23.2395

■ 72.5953, 90.4024,
18.4740

■ 71.3487, 89.8253,
15.4540

■ 70.3916, 89.3649,
13.9200

■ 69.9794, 89.1607,
13.5214

Harmonies

Analogous

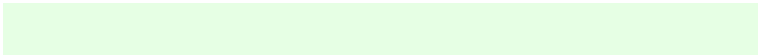
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9149, 97.2252, 78.1473



88.4293, 97.2252, 79.7513



84.1744, 97.2252, 87.9812

Triad

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



88.4293, 97.2252, 79.7513



85.9349, 97.2252, 132.0947



103.4966, 97.2252, 110.2077

Complementary

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



88.4293, 97.2252, 79.7513



72.3789, 72.0626, 104.7024

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.



101.1652, 97.2252, 126.0142



88.4293, 97.2252, 79.7513



90.9205, 97.2252, 139.4578

Square

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



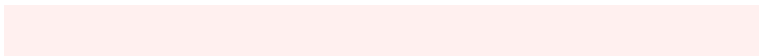
88.4293, 97.2252, 79.7513



82.7754, 97.2252, 117.8552



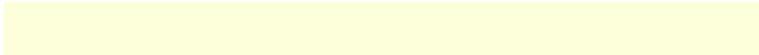
96.5077, 97.2252, 137.1270



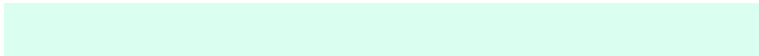
102.7639, 97.2252, 94.7108

Rectangle

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



88.4293, 97.2252, 79.7513



82.5350, 97.2252, 96.6153



96.5077, 97.2252, 137.1270



103.0421, 97.2252, 115.6801

Sweetspot

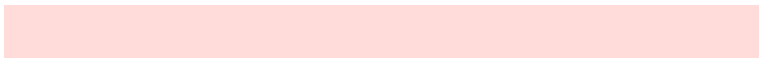
The Sweet Spot groups the original color and five complimentary colors.



88.4299, 97.2255, 79.7527



93.1553, 99.2080, 100.4655



79.2361, 77.2127, 76.3744



19.8649, 21.2036, 21.1751



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

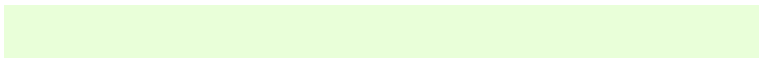
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4299, 97.2255, 79.7527



87.2008, 96.7078, 74.4570



82.0419, 93.9324, 79.4538



19.4114, 21.0135, 19.1773



36.6251, 46.6190, 7.0680



3.6063, 4.5599, 0.6901

Inverse Universe

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



72.3789, 72.0626, 104.7024



68.2352, 66.9747, 103.9388



78.3029, 75.1166, 104.9797



17.1358, 17.4462, 22.7143



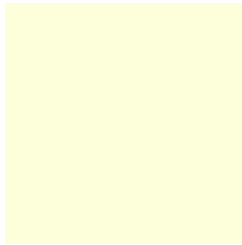
9.6301, 3.8750, 49.6750



0.9813, 0.3998, 4.8387

Previews

White Background



This preview shows how the XYZ color 88.4293, 97.2252, 79.7513 looks on a white background.

Color Contrast Check

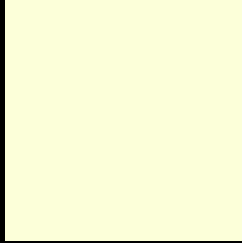
Large Text (above 18pt) WCAG AA × Fail

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 88.4293, 97.2252, 79.7513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

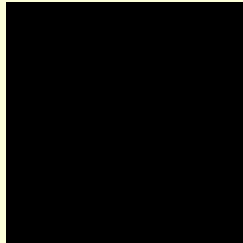
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.4293, 97.2252, 79.7513

Background



This preview shows how black text looks on a background with the XYZ color 88.4293, 97.2252, 79.7513.



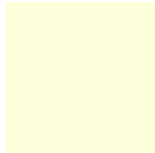
This preview shows how white text looks on a background with the XYZ color 88.4293, 97.2252,

79.7513.

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

88.4293, 97.2252, 79.7513

Protanopia

92.3795, 97.4125, 99.5215

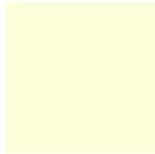
Deuteranopia

92.8361, 97.0939, 103.4705

Tritanopia

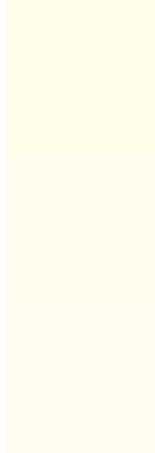
93.0552, 97.0970, 108.4448

Trichromacy



Original Color

88.4293, 97.2252, 79.7513



Protanomaly

90.8496, 97.2619, 91.8270

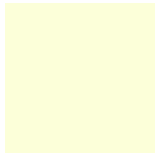
Deuteranomaly

90.9695, 96.8061, 94.0116

Tritanomaly

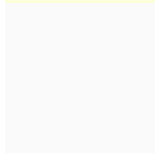
91.1956, 96.8543, 97.1073

Monochromacy



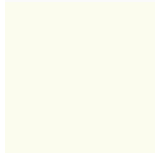
Original Color

88.4293, 97.2252, 79.7513



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.0267, 96.3031, 94.7324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4293, 97.2252, 79.7513 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 88.4293, 97.2252, 79.7513 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, 217) }
```


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

```
.border{ border-color:rgb(252, 255, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4293, 97.2252, 79.7513 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, 217) }
```

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

```
.background{ background-color: rgb(252,  
255, 217) }
```

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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