

Converting Colors

XYZ(148.6953, 225.6392,
101.5125)

Have a look what the booklet for
XYZ(148.6953, 225.6392, 101.5125)
contains.

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Color

**XYZ(83.2094, 94.5343,
79.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFD9
RGB	237, 255, 217
RGB Percent	93%, 100%, 85%
CMY	0.0706, 0.0000, 0.1490
CMYK	0.07, 0.00, 0.15, 0.00
HSL	88°, 100%, 93%
HSV	88°, 15%, 100%
XYZ	83.2094, 94.5343, 79.5070
YIQ	245.2860, 1.4700, -15.6340

Conversions

Conversions Part 2

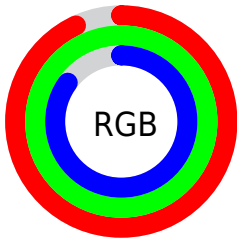
Format	Color
R _Y B	217, 255, 235
Decimal	15597529
CIE Lab	97.85, -12.40, 16.19
CIE LCh	98, 20.394, 127.459
Yxy	94.5343, 0.3235, 0.3675
Android (android.graphics.Color)	4293787609 (0xFFE9FFD9)
YUV	245.2860, -13.9450, -7.2668
Hunter-Lab	97.2288, -17.3881, 19.5768

Details

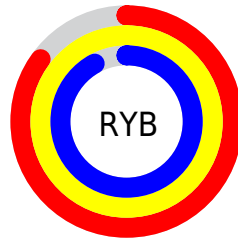
The XYZ color **83.2094, 94.5343, 79.5070** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.1247, 74.5091, 104.9245**, and the grayscale version is **87.1286, 91.6660, 99.8243**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7717, 52.8206, 41.9654** is the 20% darker color. If you saturate the color by 10%, you get **76.2463, 91.2987, 63.1842**, and if you desaturate by 10%, it is **90.9580, 98.1154, 98.5445**.

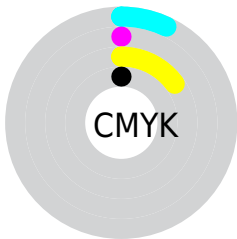
Distribution



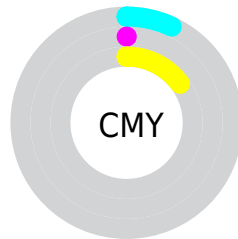
- Red (93%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (92%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2094, 94.5343, 79.5070 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 83.2094, 94.5343, 79.5070 by changing the saturation by 10% instead.


 83.2094, 94.5343,
79.5070

 83.2094, 94.5343,
79.5070


494.2575,
542.6730, 512.9327

 62.6804, 71.7474,
58.7890


136.7957,
153.6211, 134.4775

 45.8404, 52.9524,
42.0244


170.5837,
190.6898, 169.5671

 32.3240, 37.7648,
28.7947


209.5221,
233.2878, 210.2842

 21.7658, 25.8002,
18.6813

253.9763,
281.7997, 257.0475

 13.8006, 16.6742,
11.2657

304.3116,
336.6098, 310.2754

 8.0629, 10.0025,
6.1295

360.8933,

 4.1873, 5.4006,

398.1024, 370.3866

2.8539

424.0868,
466.6620, 437.7995

■ 1.8087, 2.4842,
1.0205

■ 0.5229, 0.8687,
0.0000

■ 83.2094, 94.5343,
79.5070

■ 83.2094, 94.5343,
79.5070

■ 76.2463, 91.2987,
63.1842

■ 90.9580, 98.1154,
98.5445

■ 70.0382, 88.3959,
49.4481

95.0500, 100.0000,
108.9000

■ 64.5547, 85.8131,
38.1667

■ 59.7628, 83.5364,
29.1946

■ 55.6262, 81.5506,
22.3712

■ 52.1043, 79.8389,
17.5151

■ 49.1509, 78.3819,
14.4152

■ 46.7102, 77.1566,
12.8117

■ 45.6250, 76.6056,
12.3817

Harmonies

Analogous

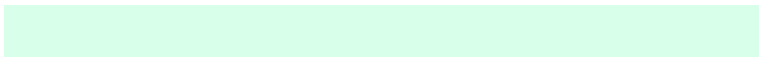
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4055, 94.5343, 74.2845



83.2094, 94.5343, 79.5070



79.8973, 94.5343, 91.1162

Triad

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



83.2094, 94.5343, 79.5070



85.6256, 94.5343, 135.4988



101.4238, 94.5343, 98.8227

Complementary

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



83.2094, 94.5343, 79.5070



77.1247, 74.5091, 104.9245

Split Complementary

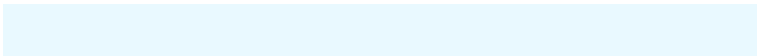
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.6011, 94.5343, 115.7271



83.2094, 94.5343, 79.5070



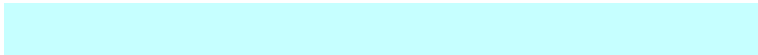
91.3142, 94.5343, 138.1335

Square

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



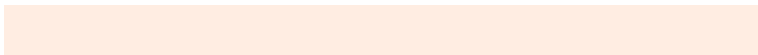
83.2094, 94.5343, 79.5070



81.2497, 94.5343, 123.7038



96.8391, 94.5343, 130.5573



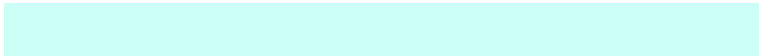
99.0411, 94.5343, 84.6258

Rectangle

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



83.2094, 94.5343, 79.5070



79.1186, 94.5343, 101.5160



96.8391, 94.5343, 130.5573



101.5147, 94.5343, 104.3607

Sweetspot

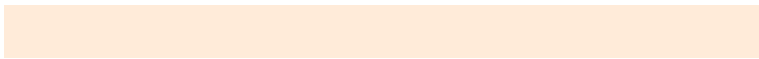
The Sweet Spot groups the original color and five complimentary colors.



83.2100, 94.5345, 79.5084



91.6956, 98.4555, 100.3971



83.3970, 85.5346, 77.7614



19.4947, 21.0127, 21.1578



0.0000, 0.0000, 0.0000



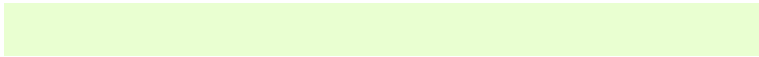
20.3446, 21.4041, 23.3091

Same Dimension

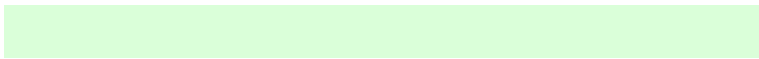
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2100, 94.5345, 79.5084



80.9695, 93.4955, 74.1654



77.2785, 91.4767, 79.2308



18.6841, 20.6386, 19.1432



24.0139, 40.1177, 6.4778



2.4644, 3.9712, 0.6366

Inverse Universe

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



77.1247, 74.5091, 104.9245



73.7791, 69.8327, 104.1982



83.6389, 77.8673, 105.2294



17.8214, 17.7997, 22.7463



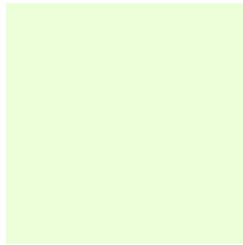
13.7058, 5.9761, 49.8657



1.4595, 0.6463, 4.8611

Previews

White Background



This preview shows how the XYZ color 83.2094, 94.5343, 79.5070 looks on a white background.

Color Contrast Check

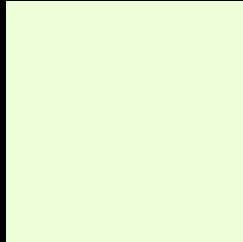
Large Text (above 18pt) WCAG AA × Fail

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 83.2094, 94.5343, 79.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

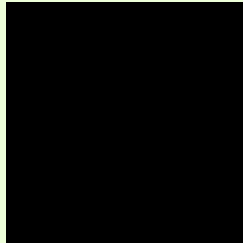
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

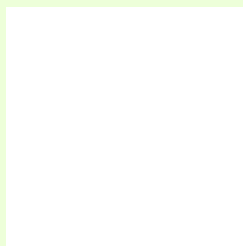
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.2094, 94.5343, 79.5070

Background



This preview shows how black text looks on a background with the XYZ color 83.2094, 94.5343, 79.5070.



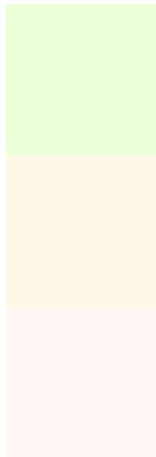
This preview shows how white text looks on a background with the XYZ color 83.2094, 94.5343,

79.5070.

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

83.2094, 94.5343, 79.5070

Protanopia

89.2312, 94.1643, 89.0738

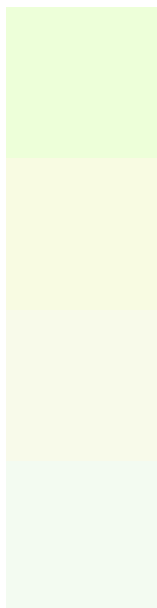
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

83.2094, 94.5343, 79.5070

Protanomaly

86.9360, 94.4418, 85.5986

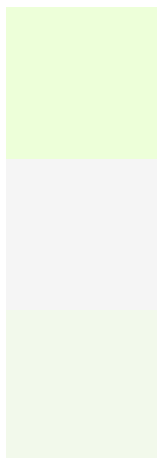
Deuteranomaly

87.7483, 94.2682, 91.4127

Tritanomaly

87.3365, 94.3999, 96.8370

Monochromacy



Original Color

83.2094, 94.5343, 79.5070

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.4890, 92.6268, 91.9703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2094, 94.5343, 79.5070 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(237, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 83.2094, 94.5343, 79.5070 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(237, 255, 217) }
```


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

```
.border{ border-color:rgb(237, 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(237, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2094, 94.5343, 79.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 217) }
```

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

```
.background{ background-color: rgb(237,  
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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