

Converting Colors

XYZ(82.6768, 94.2635, 79.3124)

Have a look what the booklet for
XYZ(82.6768, 94.2635, 79.3124)
contains.

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Color

**XYZ(82.5453, 94.1919,
79.4759)**

Conversions

Conversions Part 1

Format	Color
Hex	EBFFD9
RGB	235, 255, 217
RGB Percent	92%, 100%, 85%
CMY	0.0784, 0.0000, 0.1490
CMYK	0.08, 0.00, 0.15, 0.00
HSL	92°, 100%, 93%
HSV	92°, 15%, 100%
XYZ	82.5453, 94.1919, 79.4759
YIQ	244.6880, 0.2780, -16.0580

Conversions

Conversions Part 2

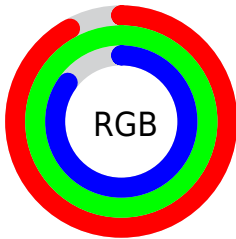
Format	Color
R _Y B	217, 255, 237
Decimal	15466457
CIE Lab	97.71, -13.09, 15.97
CIE LCh	98, 20.651, 129.324
Yxy	94.1919, 0.3222, 0.3676
Android (android.graphics.Color)	4293656537 (0xFFEBFFD9)
YUV	244.6880, -13.6502, -8.4964
Hunter-Lab	97.0525, -18.0237, 19.3844

Details

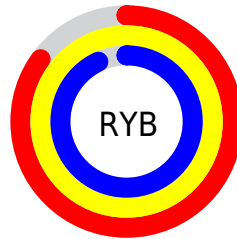
The XYZ color **82.5453, 94.1919, 79.4759** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.7888, 74.8515, 104.9556**, and the grayscale version is **86.6458, 91.1581, 99.2712**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3061, 52.5805, 41.9436** is the 20% darker color. If you saturate the color by 10%, you get **75.2150, 90.7671, 63.1359**, and if you desaturate by 10%, it is **90.7238, 97.9947, 98.5335**.

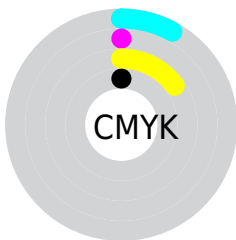
Distribution



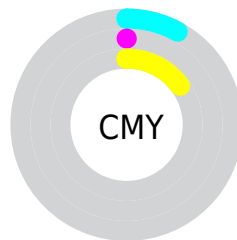
- Red (92%)
- Green (100%)
- Blue (85%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5453, 94.1919, 79.4759 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 82.5453, 94.1919, 79.4759 by changing the saturation by 10% instead.


 82.5453, 94.1919,
79.4759

 82.5453, 94.1919,
79.4759

492.0768,
541.5747, 512.8249

 62.1308, 71.4626,
58.7635


135.8703,
153.1477, 134.4334

 45.3944, 52.7198,
42.0040

169.5114,
190.1430, 169.5155

 31.9708, 37.5791,
28.7789


208.2921,
232.6624, 210.2247

 21.4946, 25.6562,
18.6695

252.5778,
281.0903, 256.9795

 13.6005, 16.5666,
11.2573

302.7337,
335.8110, 310.1983

 7.9232, 9.9260,
6.1238

359.1253,

 4.0972, 5.3499,

397.2091, 370.2998

2.8505

422.1178,
465.6689, 437.7025

■ 1.7573, 2.4540,
1.0188

■ 0.4917, 0.8535,
0.0000

■ 82.5453, 94.1919,
79.4759

■ 82.5453, 94.1919,
79.4759

■ 75.2150, 90.7671,
63.1359

■ 90.7238, 97.9947,
98.5335

■ 68.7003, 87.7062,
49.3855

95.0500, 100.0000,
108.9000

■ 62.9687, 84.9955,
38.0925

■ 57.9851, 82.6199,
29.1114

■ 53.7106, 80.5631,
22.2815

■ 50.1024, 78.8069,
17.4214

■ 47.1116, 77.3306,
14.3197

■ 44.6796, 76.1098,
12.7166

■ 43.6157, 75.5697,
12.2876

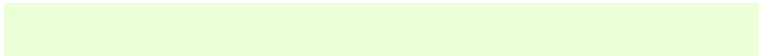
Harmonies

Analogous

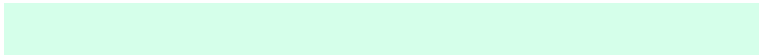
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7057, 94.1919, 73.7876



82.5453, 94.1919, 79.4759



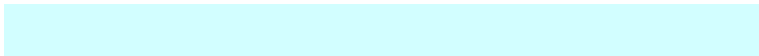
79.3512, 94.1919, 91.5363

Triad

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



82.5453, 94.1919, 79.4759



85.5902, 94.1919, 135.9662



101.1639, 94.1919, 97.3974

Complementary

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



82.5453, 94.1919, 79.4759



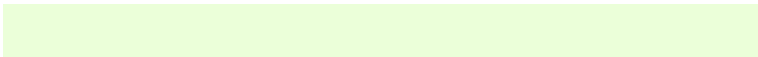
77.7888, 74.8515, 104.9556

Split Complementary

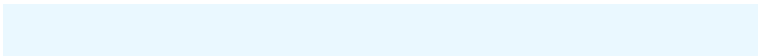
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.5366, 94.1919, 114.4328



82.5453, 94.1919, 79.4759



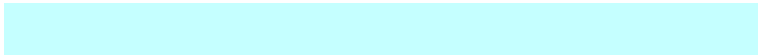
91.3725, 94.1919, 137.9784

Square

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



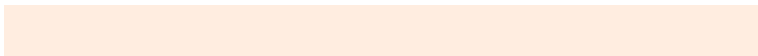
82.5453, 94.1919, 79.4759



81.0549, 94.1919, 124.4976



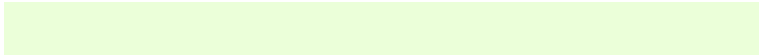
96.8908, 94.1919, 129.7276



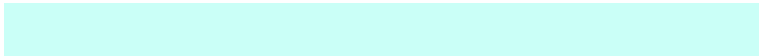
98.5688, 94.1919, 83.3620

Rectangle

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



82.5453, 94.1919, 79.4759



78.6813, 94.1919, 102.1770



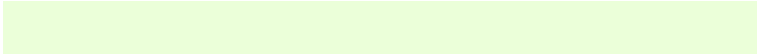
96.8908, 94.1919, 129.7276



101.3253, 94.1919, 102.9419

Sweetspot

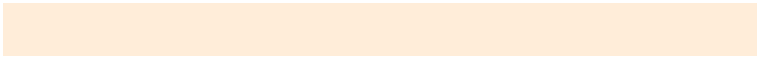
The Sweet Spot groups the original color and five complimentary colors.



82.5459, 94.1922, 79.4773



91.5033, 98.3564, 100.3881



83.9431, 86.6267, 77.9434



19.4461, 20.9876, 21.1555



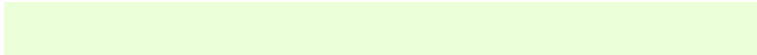
0.0000, 0.0000, 0.0000



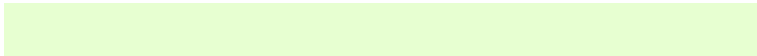
20.3446, 21.4041, 23.3091

Same Dimension

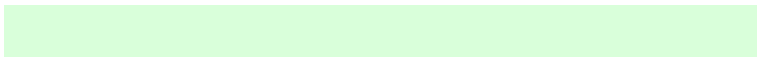
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5459, 94.1922, 79.4773



80.1851, 93.0911, 74.1287



76.9831, 91.3149, 79.6479



18.5899, 20.5900, 19.1388



22.9596, 39.5742, 6.4285



2.3605, 3.9177, 0.6318

Inverse Universe

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



77.7888, 74.8515, 104.9556



74.5636, 70.2371, 104.2349



84.0016, 78.0660, 104.7150



17.9156, 17.8482, 22.7507



14.7601, 6.5196, 49.9150



1.5633, 0.6999, 4.8660

Previews

White Background



This preview shows how the XYZ color 82.5453, 94.1919, 79.4759 looks on a white background.

Color Contrast Check

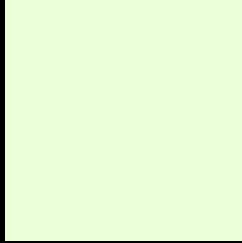
Large Text (above 18pt) WCAG AA × Fail

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 82.5453, 94.1919, 79.4759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

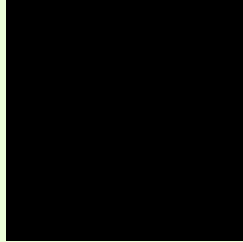
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

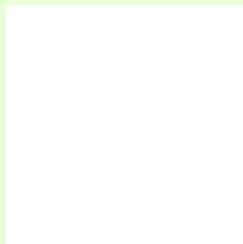
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5453, 94.1919, 79.4759

Background



This preview shows how black text looks on a background with the XYZ color 82.5453, 94.1919, 79.4759.



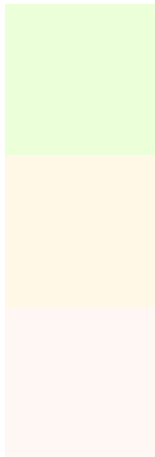
This preview shows how white text looks on a background with the XYZ color 82.5453, 94.1919,

79.4759.

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

82.5453, 94.1919, 79.4759

Protanopia

89.0903, 94.1080, 88.3320

Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

89.6234, 93.9476, 108.0178

Trichromacy



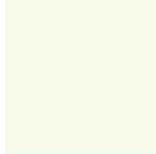
Original Color

82.5453, 94.1919, 79.4759



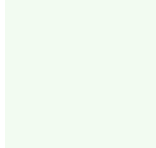
Protanomaly

86.7992, 94.3871, 84.8779



Deuteranomaly

87.7483, 94.2682, 91.4127



Tritanomaly

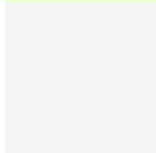
86.9923, 94.2225, 96.8209

Monochromacy



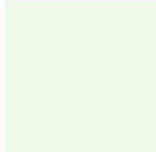
Original Color

82.5453, 94.1919, 79.4759



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.1467, 92.4503, 91.9542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5453, 94.1919, 79.4759 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(235, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 82.5453, 94.1919, 79.4759 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(235, 255, 217) }
```


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

```
.border{ border-color:rgb(235, 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(235, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5453, 94.1919, 79.4759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 217) }
```

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

```
.background{ background-color: rgb(235,  
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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