

Converting Colors

XYZ(118.5453, 166.3058,
87.0469)

Have a look what the booklet for
XYZ(118.5453, 166.3058, 87.0469)
contains.

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Color

**XYZ(82.6528, 94.3503,
74.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFD2
RGB	238, 255, 210
RGB Percent	93%, 100%, 82%
CMY	0.0667, 0.0000, 0.1765
CMYK	0.07, 0.00, 0.18, 0.00
HSL	83°, 100%, 91%
HSV	83°, 18%, 100%
XYZ	82.6528, 94.3503, 74.8279
YIQ	244.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

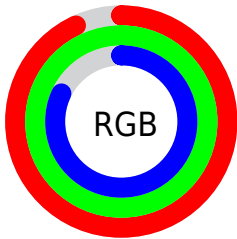
Format	Color
R _Y B	210, 255, 227
Decimal	15663058
CIE Lab	97.77, -13.15, 19.67
CIE LCh	98, 23.659, 123.777
Yxy	94.3503, 0.3282, 0.3747
Android (android.graphics.Color)	4293853138 (0xFFEEFFD2)
YUV	244.7870, -17.1500, -5.9522
Hunter-Lab	97.1341, -18.0964, 22.3194

Details

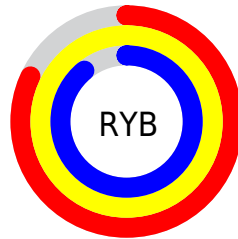
The XYZ color **82.6528, 94.3503, 74.8279** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.7759, 69.6452, 104.2149**, and the grayscale version is **86.7503, 91.2681, 99.3909**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4019, 52.6998, 38.7895** is the 20% darker color. If you saturate the color by 10%, you get **76.5763, 91.5560, 59.2599**, and if you desaturate by 10%, it is **89.4099, 97.4369, 93.0729**.

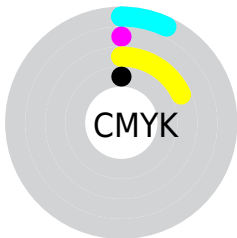
Distribution



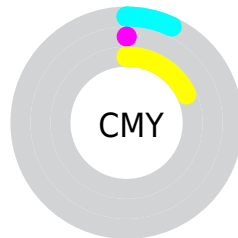
- Red (93%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6528, 94.3503, 74.8279 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 82.6528, 94.3503, 74.8279 by changing the saturation by 10% instead.

82.6528, 94.3503,
74.8279

82.6528, 94.3503,
74.8279

492.4301,
542.0829, 496.5655

62.2197, 71.5943,
54.9710

136.0201,
153.3667, 127.8136

45.4665, 52.8274,
38.9801

169.6851,
190.3960, 161.7795

32.0279, 37.6650,
26.4365

208.4914,
232.9518, 201.2854

21.5385, 25.7228,
16.9218

252.8043,
281.4185, 246.7500

13.6329, 16.6164,
10.0174

302.9893,
336.1806, 298.5918

7.9457, 9.9613,
5.3047

359.4117,

4.1118, 5.3733,

397.6225, 357.2292

2.3653

422.4369,
466.1284, 423.0810

■ 1.7656, 2.4679,
0.7675

■ 0.4968, 0.8605,
0.0000

■ 82.6528, 94.3503,
74.8279

■ 82.6528, 94.3503,
74.8279

■ 76.5763, 91.5560,
59.2599

■ 89.4099, 97.4369,
93.0729

■ 71.1519, 89.0423,
46.2386

95.0500, 100.0000,
108.9000

■ 66.3517, 86.7975,
35.6291

■ 62.1446, 84.8091,
27.2824

■ 58.4963, 83.0628,
21.0328

■ 55.3681, 81.5430,
16.6923

■ 52.7149, 80.2312,
14.0391

■ 50.4780, 79.1036,
12.7804

■ 49.9925, 78.8571,
12.5861

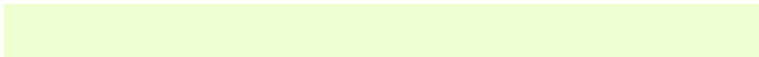
Harmonies

Analogous

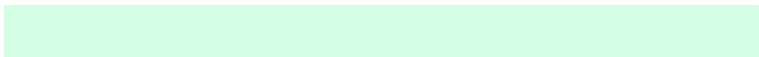
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8247, 94.3503, 69.9249



82.6528, 94.3503, 74.8279



78.5301, 94.3503, 87.1664

Triad

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



82.6528, 94.3503, 74.8279



84.0634, 94.3503, 139.8162



103.2619, 94.3503, 100.3019

Complementary

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



82.6528, 94.3503, 74.8279



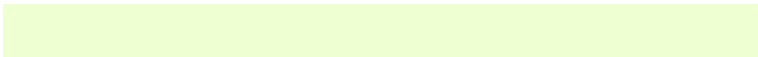
72.7759, 69.6452, 104.2149

Split Complementary

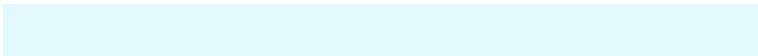
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.8320, 94.3503, 120.0472



82.6528, 94.3503, 74.8279



90.5349, 94.3503, 144.4659

Square

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



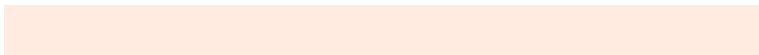
82.6528, 94.3503, 74.8279



79.3154, 94.3503, 124.8148



97.0886, 94.3503, 136.8302



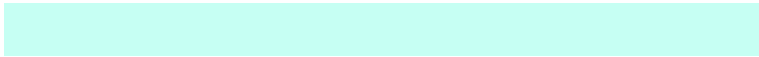
100.9041, 94.3503, 83.4198

Rectangle

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



82.6528, 94.3503, 74.8279



77.3831, 94.3503, 98.7548



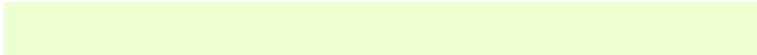
97.0886, 94.3503, 136.8302



103.2088, 94.3503, 106.8135

Sweetspot

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



82.6534, 94.3506, 74.8293



91.3147, 98.3037, 98.3631



80.2060, 80.5790, 72.3001



19.4358, 20.9913, 20.7490



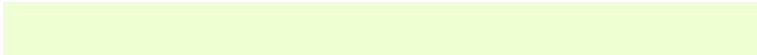
0.0000, 0.0000, 0.0000



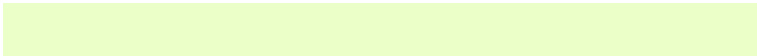
20.3446, 21.4041, 23.3091

Same Dimension

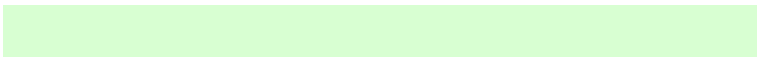
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6534, 94.3506, 74.8293



80.5408, 93.3814, 69.3157



75.7125, 90.7724, 74.5045



18.8574, 20.7279, 19.1513



26.2933, 41.2928, 6.5845



2.6815, 4.0831, 0.6468

Inverse Universe

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



72.7759, 69.6452, 104.2149



69.0678, 64.6825, 103.4524



80.1641, 73.4540, 104.5607



17.6515, 17.7120, 22.7384



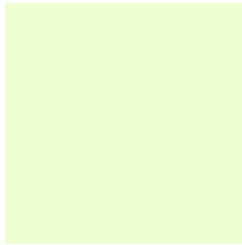
12.1226, 5.1599, 49.7916



1.2970, 0.5625, 4.8535

Previews

White Background



This preview shows how the XYZ color 82.6528, 94.3503, 74.8279 looks on a white background.

Color Contrast Check

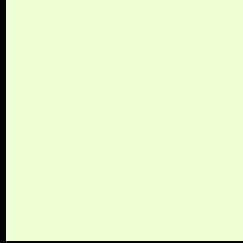
Large Text (above 18pt) WCAG AA × Fail

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 82.6528, 94.3503, 74.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

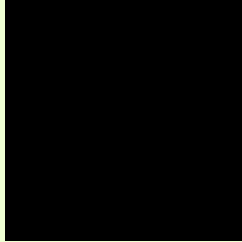
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

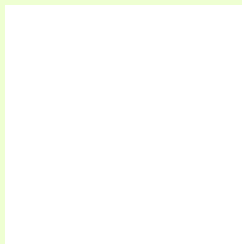
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6528, 94.3503, 74.8279

Background



This preview shows how black text looks on a background with the XYZ color 82.6528, 94.3503, 74.8279.



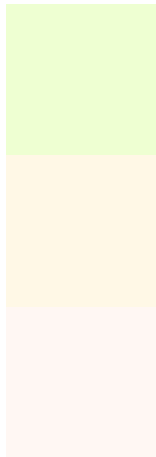
This preview shows how white text looks on a background with the XYZ color 82.6528, 94.3503,

74.8279.

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

82.6528, 94.3503, 74.8279

Protanopia

89.0903, 94.1080, 88.3320

Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

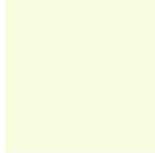
90.3288, 94.3113, 108.0508

Trichromacy



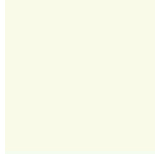
Original Color

82.6528, 94.3503, 74.8279



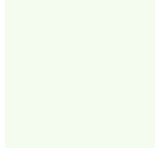
Protanomaly

86.8834, 94.4618, 83.4657



Deuteranomaly

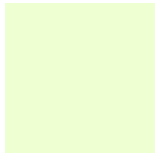
87.6763, 94.2805, 89.1782



Tritanomaly

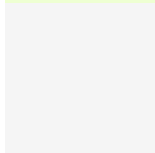
87.3854, 94.4595, 95.2881

Monochromacy



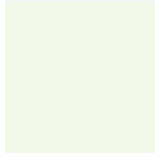
Original Color

82.6528, 94.3503, 74.8279



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.0591, 92.4548, 89.7064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6528, 94.3503, 74.8279 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(238, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 210)  
}
```

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(238, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 82.6528, 94.3503, 74.8279 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(238, 255, 210) }
```


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

```
.border{ border-color:rgb(238, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6528, 94.3503, 74.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 210) }
```

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

```
.background{ background-color: rgb(238,  
255, 210) }
```

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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