

Converting Colors

XYZ(120.3938, 169.3702,
88.9232)

Have a look what the booklet for
XYZ(120.3938, 169.3702, 88.9232)
contains.

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Color

**XYZ(82.9036, 94.4506,
76.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFD4
RGB	238, 255, 212
RGB Percent	93%, 100%, 83%
CMY	0.0667, 0.0000, 0.1686
CMYK	0.07, 0.00, 0.17, 0.00
HSL	84°, 100%, 92%
HSV	84°, 17%, 100%
XYZ	82.9036, 94.4506, 76.1487
YIQ	245.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

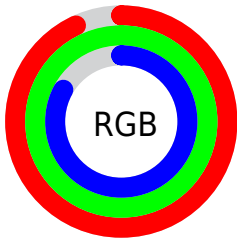
Format	Color
R _Y B	212, 255, 229
Decimal	15663060
CIE Lab	97.81, -12.85, 18.70
CIE LCh	98, 22.689, 124.482
Yxy	94.4506, 0.3270, 0.3726
Android (android.graphics.Color)	4293853140 (0xFFEEFFD4)
YUV	245.0150, -16.2764, -6.1522
Hunter-Lab	97.1857, -17.8068, 21.5740

Details

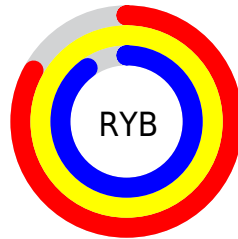
The XYZ color **82.9036, 94.4506, 76.1487** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.9074, 70.9662, 104.4102**, and the grayscale version is **86.9273, 91.4543, 99.5937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5713, 52.7676, 39.6816** is the 20% darker color. If you saturate the color by 10%, you get **76.6459, 91.5675, 60.3694**, and if you desaturate by 10%, it is **89.8602, 97.6353, 94.6153**.

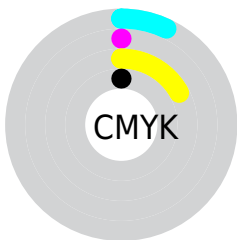
Distribution



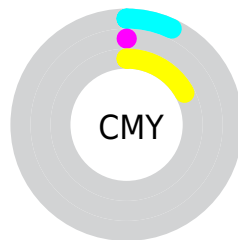
- Red (93%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9036, 94.4506, 76.1487 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 82.9036, 94.4506, 76.1487 by changing the saturation by 10% instead.

82.9036, 94.4506,
76.1487

82.9036, 94.4506,
76.1487

493.2540,
542.4046, 501.2170

62.4273, 71.6778,
56.0471

136.3697,
153.5054, 129.6991

45.6349, 52.8955,
39.8364

170.0901,
190.5561, 163.9849

32.1612, 37.7194,
27.0982

208.9560,
233.1350, 203.8359

21.6408, 25.7650,
17.4139

253.3326,
281.6263, 249.6706

13.7084, 16.6479,
10.3650

303.5854,
336.4146, 301.9075

7.9984, 9.9838,
5.5328

360.0796,

4.1457, 5.3882,

397.8841, 360.9652

2.4990

423.1807,
466.4193, 427.2621

■ 1.7849, 2.4768,
0.8396

■ 0.5086, 0.8650,
0.0000

■ 82.9036, 94.4506,
76.1487

■ 82.9036, 94.4506,
76.1487

■ 76.6459, 91.5675,
60.3694

■ 89.8602, 97.6353,
94.6153

■ 71.0584, 88.9739,
47.1477

95.0500, 100.0000,
108.9000

■ 66.1129, 86.6582,
36.3497

■ 61.7781, 84.6077,
27.8273

■ 58.0194, 82.8080,
21.4166

■ 54.7982, 81.2434,
16.9313

■ 52.0695, 79.8953,
14.1530

■ 49.7771, 78.7410,
12.8048

■ 49.1222, 78.4085,
12.5453

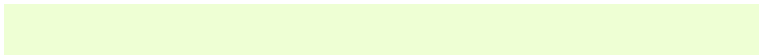
Harmonies

Analogous

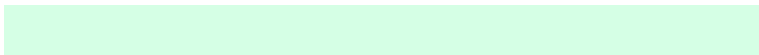
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8026, 94.4506, 71.2186



82.9036, 94.4506, 76.1487



78.9942, 94.4506, 88.2255

Triad

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



82.9036, 94.4506, 76.1487



84.5126, 94.4506, 138.5099



102.7718, 94.4506, 100.0782

Complementary

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



82.9036, 94.4506, 76.1487



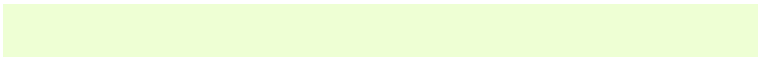
73.9074, 70.9662, 104.4102

Split Complementary

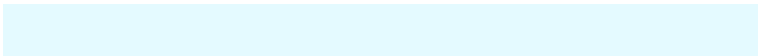
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.4891, 94.4506, 118.9868



82.9036, 94.4506, 76.1487



90.7493, 94.4506, 142.6618

Square

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



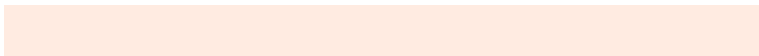
82.9036, 94.4506, 76.1487



79.8914, 94.4506, 124.3877



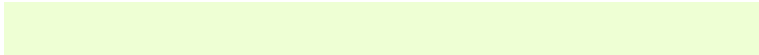
97.0106, 94.4506, 135.1380



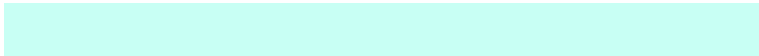
100.4365, 94.4506, 83.9377

Rectangle

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



82.9036, 94.4506, 76.1487



77.9362, 94.4506, 99.4482



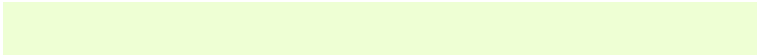
97.0106, 94.4506, 135.1380



102.7503, 94.4506, 106.3094

Sweetspot

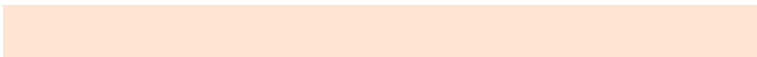
The Sweet Spot groups the original color and five complimentary colors.



82.9042, 94.4509, 76.1501



91.2344, 98.2623, 98.3594



81.0009, 81.7674, 73.8023



19.4163, 20.9813, 20.7480



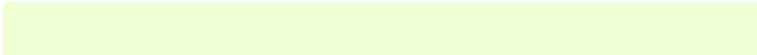
0.0000, 0.0000, 0.0000



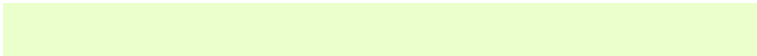
20.3446, 21.4041, 23.3091

Same Dimension

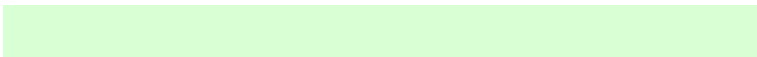
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9042, 94.4509, 76.1501



80.8664, 93.5142, 70.9147



76.2647, 91.0281, 75.8394



18.8255, 20.7115, 19.1498



25.8402, 41.0592, 6.5633



2.6390, 4.0612, 0.6448

Inverse Universe

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



73.9074, 70.9662, 104.4102



70.4337, 66.2790, 103.6886



81.0125, 74.6290, 104.7428



17.6824, 17.7280, 22.7398



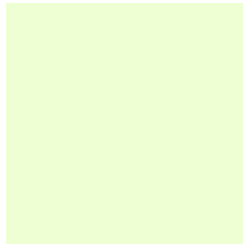
12.3810, 5.2931, 49.8037



1.3242, 0.5766, 4.8548

Previews

White Background



This preview shows how the XYZ color 82.9036, 94.4506, 76.1487 looks on a white background.

Color Contrast Check

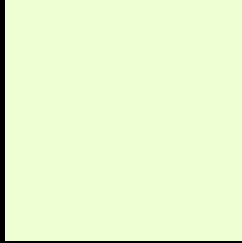
Large Text (above 18pt) WCAG AA × Fail

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 82.9036, 94.4506, 76.1487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

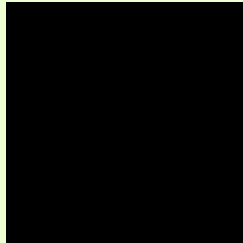
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

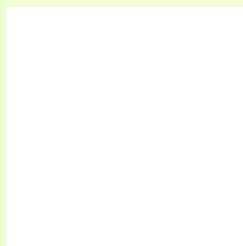
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9036, 94.4506, 76.1487

Background



This preview shows how black text looks on a background with the XYZ color 82.9036, 94.4506, 76.1487.



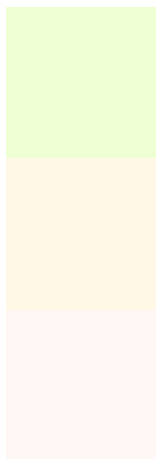
This preview shows how white text looks on a background with the XYZ color 82.9036, 94.4506,

76.1487.

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

82.9036, 94.4506, 76.1487

Protanopia

89.0903, 94.1080, 88.3320

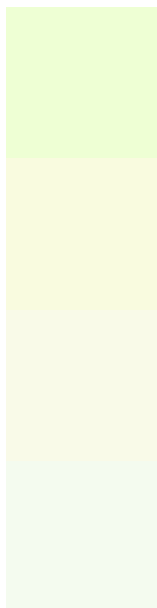
Deuteranopia

90.6784, 94.2526, 98.2073

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

82.9036, 94.4506, 76.1487

Protanomaly

86.8834, 94.4618, 83.4657

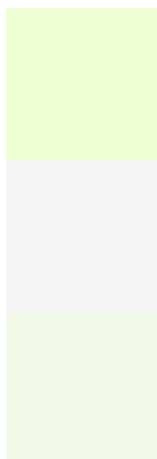
Deuteranomaly

87.8180, 94.3371, 89.9243

Tritanomaly

87.3854, 94.4595, 95.2881

Monochromacy



Original Color

82.9036, 94.4506, 76.1487

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.2016, 92.5118, 90.4568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9036, 94.4506, 76.1487 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 82.9036, 94.4506, 76.1487 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, 212) }
```


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

```
.border{ border-color:rgb(238, 255, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9036, 94.4506, 76.1487 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, 212) }
```

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

```
.background{ background-color: rgb(238,  
255, 212) }
```

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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