

Converting Colors

XYZ(82.4539, 93.7439, 75.8053)

Have a look what the booklet for
XYZ(82.4539, 93.7439, 75.8053)
contains.

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Color

**XYZ(82.5854, 93.8142,
76.0426)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFED4
RGB	238, 254, 212
RGB Percent	93%, 100%, 83%
CMY	0.0667, 0.0039, 0.1686
CMYK	0.06, 0.00, 0.17, 0.00
HSL	83°, 95%, 91%
HSV	83°, 17%, 100%
XYZ	82.5854, 93.8142, 76.0426
YIQ	244.4280, 3.9460, -16.4540

Conversions

Conversions Part 2

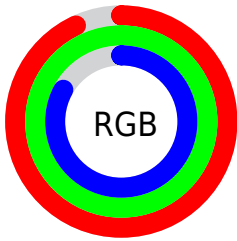
Format	Color
R _Y B	212, 254, 228
Decimal	15662804
CIE Lab	97.56, -12.35, 18.34
CIE LCh	98, 22.115, 123.957
Yxy	93.8142, 0.3271, 0.3716
Android (android.graphics.Color)	4293852884 (0xFFEEFED4)
YUV	244.4280, -15.9870, -5.6374
Hunter-Lab	96.8577, -17.3036, 21.2521

Details

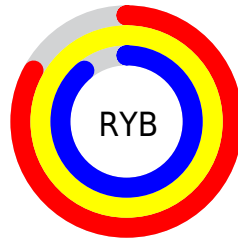
The XYZ color **82.5854, 93.8142, 76.0426** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.4314, 70.7392, 103.5547**, and the grayscale version is **86.4559, 90.9584, 99.0537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3435, 52.3119, 39.6056** is the 20% darker color. If you saturate the color by 10%, you get **76.4681, 91.0050, 60.3258**, and if you desaturate by 10%, it is **89.3865, 96.9233, 94.4265**.

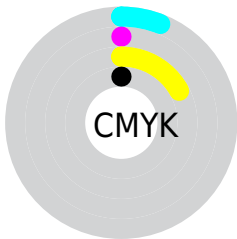
Distribution



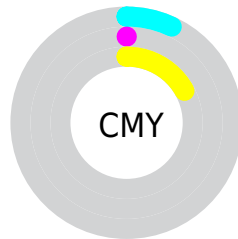
- Red (93%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5854, 93.8142, 76.0426 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 82.5854, 93.8142, 76.0426 by changing the saturation by 10% instead.

 82.5854, 93.8142,
76.0426

 82.5854, 93.8142,
76.0426


492.2086,
540.3618, 500.8442

 62.1639, 71.1484,
55.9606


135.9262,
152.6254, 129.5478

 45.4213, 52.4633,
39.7675


169.5762,
189.5395, 163.8080

 31.9921, 37.3745,
27.0449


208.3664,
231.9720, 203.6313

 21.5110, 25.4976,
17.3742

252.6623,
280.3070, 249.4364

 13.6126, 16.4482,
10.3369

302.8291,
334.9292, 301.6417

 7.9316, 9.8418,
5.5144

359.2321,

 4.1027, 5.2942,

396.2227, 360.6657

2.4881

422.2369,
464.5721, 426.9270

■ 1.7604, 2.4209,
0.8339

■ 0.4936, 0.8366,
0.0000

■ 82.5854, 93.8142,
76.0426

■ 82.5854, 93.8142,
76.0426

■ 76.4681, 91.0050,
60.3258

■ 89.3865, 96.9233,
94.4265

■ 71.0010, 88.4726,
47.1460

94.7337, 99.3674,
108.7946

■ 66.1583, 86.2096,
36.3714

■ 61.9096, 84.2034,
27.8561

■ 58.2211, 82.4401,
21.4381

■ 55.0550, 80.9044,
16.9339

■ 52.3675, 79.5782,
14.1285

■ 50.1041, 78.4395,
12.7522

■ 49.3917, 78.0778,
12.4673

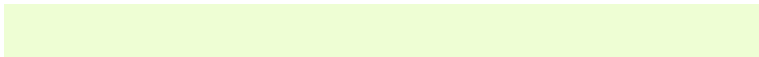
Harmonies

Analogous

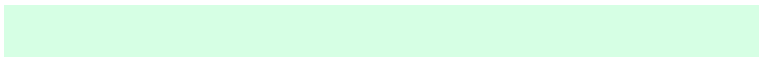
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3361, 93.8142, 71.3609



82.5854, 93.8142, 76.0426



78.7433, 93.8142, 87.6918

Triad

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



82.5854, 93.8142, 76.0426



83.9657, 93.8142, 136.5106



101.7768, 93.8142, 99.7775

Complementary

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



82.5854, 93.8142, 76.0426



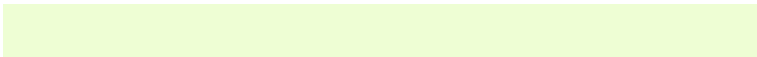
73.4314, 70.7392, 103.5547

Split Complementary

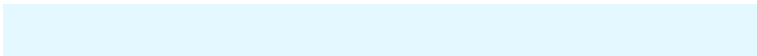
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.4736, 93.8142, 118.1110



82.5854, 93.8142, 76.0426



90.0043, 93.8142, 140.7170

Square

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



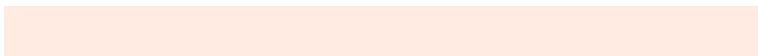
82.5854, 93.8142, 76.0426



79.5135, 93.8142, 122.7280



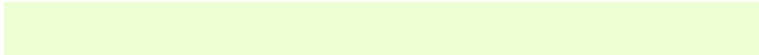
96.0905, 93.8142, 133.6328



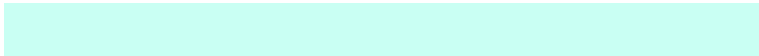
99.5731, 93.8142, 84.0072

Rectangle

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



82.5854, 93.8142, 76.0426



77.6803, 93.8142, 98.5470



96.0905, 93.8142, 133.6328



101.7349, 93.8142, 105.8351

Sweetspot

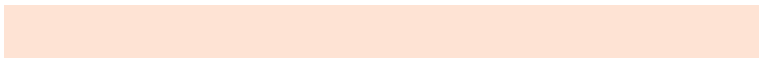
The Sweet Spot groups the original color and five complimentary colors.



82.5879, 93.8183, 76.0446



91.2998, 98.2961, 98.3624



80.3387, 80.9847, 73.6860



19.4322, 20.9895, 20.7488



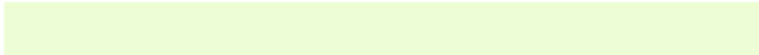
0.0000, 0.0000, 0.0000



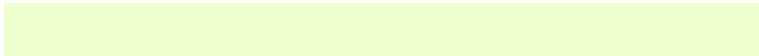
20.3446, 21.4041, 23.3091

Same Dimension

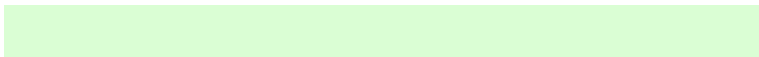
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5879, 93.8183, 76.0446



81.1077, 93.6385, 70.9260



76.1223, 90.4852, 75.7420



18.8515, 20.7249, 19.1511



26.2080, 41.2488, 6.5805



2.6735, 4.0790, 0.6464

Inverse Universe

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



73.4314, 70.7392, 103.5547



70.2077, 66.1625, 103.6780



80.2896, 74.2748, 103.8756



17.6572, 17.7150, 22.7387



12.1695, 5.1841, 49.7938



1.3020, 0.5651, 4.8537

Previews

White Background



This preview shows how the XYZ color 82.5854, 93.8142, 76.0426 looks on a white background.

Color Contrast Check

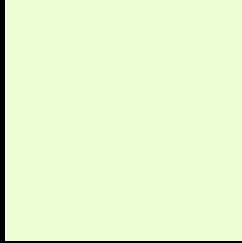
Large Text (above 18pt) WCAG AA × Fail

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 82.5854, 93.8142, 76.0426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

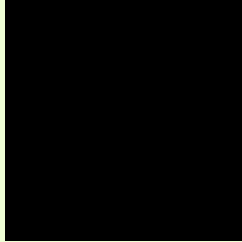
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

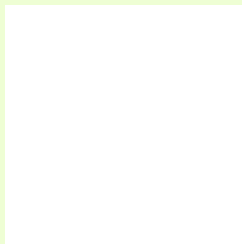
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5854, 93.8142, 76.0426

Background



This preview shows how black text looks on a background with the XYZ color 82.5854, 93.8142, 76.0426.

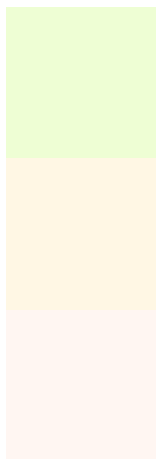


This preview shows how white text looks on a background with the XYZ color 82.5854, 93.8142,

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

82.5854, 93.8142, 76.0426

Protanopia

88.5044, 93.3830, 86.7588

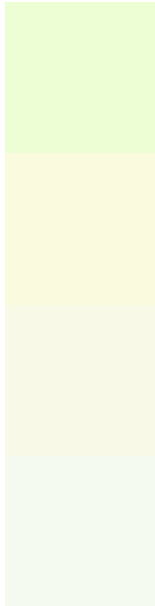
Deuteranopia

90.2228, 93.5823, 97.3123

Tritanopia

89.6685, 93.5157, 107.9320

Trichromacy



Original Color

82.5854, 93.8142, 76.0426

Protanomaly

86.4373, 93.7849, 82.6538

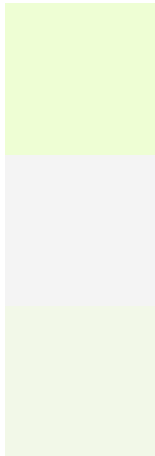
Deuteranomaly

87.3664, 93.6606, 89.0749

Tritanomaly

87.0738, 93.8363, 95.1843

Monochromacy



Original Color

82.5854, 93.8142, 76.0426

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.7508, 91.8382, 89.6036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5854, 93.8142, 76.0426 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, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(238, 254, 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, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 254, 212) }
```

Border

The CSS property to change the border of an element to XYZ 82.5854, 93.8142, 76.0426 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, 254, 212) }
```


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

```
.border{ border-color:rgb(238, 254, 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, 254, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(238, 254,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5854, 93.8142, 76.0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 254, 212) }
```

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

```
.background{ background-color: rgb(238,  
254, 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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