

Converting Colors

XYZ(82.6776, 91.7154, 86.3146)

Have a look what the booklet for
XYZ(82.6776, 91.7154, 86.3146)
contains.

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Color

**XYZ(82.6428, 91.7501,
86.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFAE3
RGB	236, 250, 227
RGB Percent	93%, 98%, 89%
CMY	0.0745, 0.0196, 0.1098
CMYK	0.06, 0.00, 0.09, 0.02
HSL	97°, 70%, 94%
HSV	97°, 9%, 98%
XYZ	82.6428, 91.7501, 86.0269
YIQ	243.1920, -0.9610, -10.1210

Conversions

Conversions Part 2

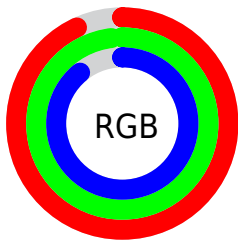
Format	Color
R _Y B	227, 250, 241
Decimal	15530723
CIE Lab	96.72, -8.63, 9.45
CIE LCh	97, 12.794, 132.396
Yxy	91.7501, 0.3173, 0.3523
Android (android.graphics.Color)	4293720803 (0xFFECFAE3)
YUV	243.1920, -7.9827, -6.3074
Hunter-Lab	95.7863, -13.6192, 13.8013

Details

The XYZ color **82.6428, 91.7501, 86.0269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.0036, 80.5436, 101.7243**, and the grayscale version is **85.4085, 89.8564, 97.8537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5606, 51.2654, 46.5236** is the 20% darker color. If you saturate the color by 10%, you get **74.6005, 87.9770, 68.9274**, and if you desaturate by 10%, it is **91.6220, 95.9536, 105.7895**.

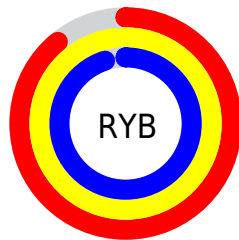
Distribution



Red (93%)

Green (98%)

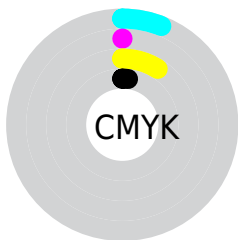
Blue (89%)



Red (89%)

Yellow (98%)

Blue (95%)

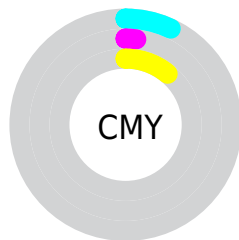


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (2%)



Cyan (7%)

Magenta (2%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6428, 91.7501, 86.0269 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 82.6428, 91.7501, 86.0269 by changing the saturation by 10% instead.

82.6428, 91.7501,
86.0269

82.6428, 91.7501,
86.0269

492.3973,
533.7076, 535.2529

62.2114, 69.4331,
64.1352

136.0062,
149.7670, 143.6939

45.4598, 51.0645,
46.3133

169.6689,
186.2357, 180.3063

32.0226, 36.2599,
32.1427

208.4728,
228.1903, 222.6626

21.5344, 24.6350,
21.2048

252.7832,
276.0154, 271.1815

13.6298, 15.8053,
13.0811

302.9655,
330.0953, 326.2814

7.9436, 9.3865,
7.3530

359.3851,

4.1104, 4.9941,

390.8143, 388.3809

3.6021

422.4072,
458.5569, 457.8985

■ 1.7648, 2.2438,
1.4097

■ 0.4963, 0.7437,
0.1492

■ 82.6428, 91.7501,
86.0269

■ 82.6428, 91.7501,
86.0269

■ 74.6005, 87.9770,
68.9274

■ 91.6220, 95.9536,
105.7895

■ 67.4553, 84.6083,
54.3712

■ 93.4774, 96.8548,
108.3758

■ 61.1755, 81.6330,
42.2383

■ 55.7246, 79.0351,
32.3969

■ 51.0631, 76.7975,
24.7022

■ 47.1479, 74.9014,
18.9934

■ 43.9307, 73.3260,
15.0865

■ 41.3560, 72.0475,
12.7636

■ 39.3462, 71.0330,
11.6943

Harmonies

Analogous

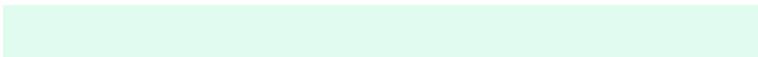
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7352, 91.7501, 81.8432



82.6428, 91.7501, 86.0269



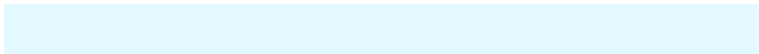
80.8028, 91.7501, 94.0514

Triad

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



82.6428, 91.7501, 86.0269



85.1388, 91.7501, 119.9105



94.1086, 91.7501, 95.7245

Complementary

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



82.6428, 91.7501, 86.0269



81.0036, 80.5436, 101.7243

Split Complementary

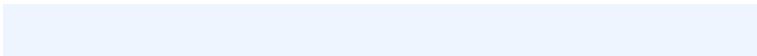
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9383, 91.7501, 105.9867



82.6428, 91.7501, 86.0269



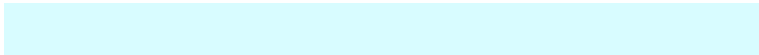
88.6929, 91.7501, 120.4353

Square

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



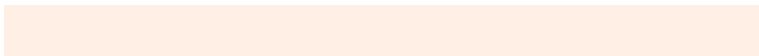
82.6428, 91.7501, 86.0269



82.2165, 91.7501, 113.8021



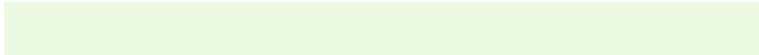
91.9336, 91.7501, 115.1903



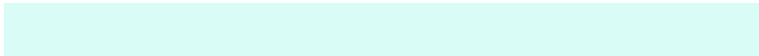
92.3928, 91.7501, 87.1793

Rectangle

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



82.6428, 91.7501, 86.0269



80.5023, 91.7501, 100.7274



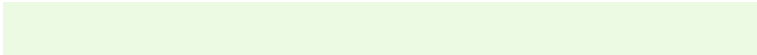
91.9336, 91.7501, 115.1903



94.2713, 91.7501, 99.0777

Sweetspot

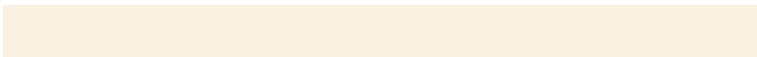
The Sweet Spot groups the original color and five complimentary colors.



82.6453, 91.7541, 86.0289



92.1499, 98.6444, 102.4626



84.6892, 88.6660, 85.3251



19.5612, 21.0379, 21.5723



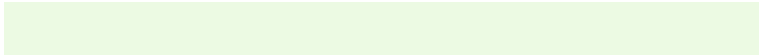
0.0000, 0.0000, 0.0000



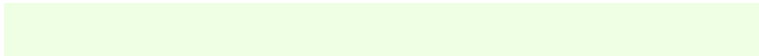
20.3446, 21.4041, 23.3091

Same Dimension

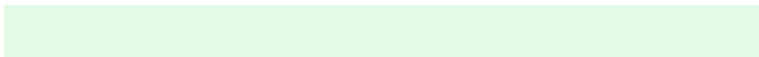
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6453, 91.7541, 86.0289



84.8525, 95.2272, 86.5454



80.0517, 90.3801, 87.5762



17.6596, 19.6403, 18.3226



20.9435, 37.7150, 6.1759



2.0548, 3.5524, 0.5774

Inverse Universe

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



81.0036, 80.5436, 101.7243



82.8228, 81.3687, 105.9482



83.7936, 82.0233, 99.9832



17.2973, 17.1659, 21.7870



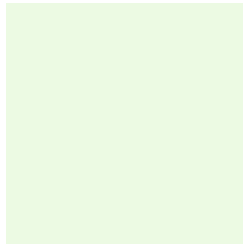
16.2070, 7.2977, 48.5279



1.6199, 0.7372, 4.5001

Previews

White Background



This preview shows how the XYZ color 82.6428, 91.7501, 86.0269 looks on a white background.

Color Contrast Check

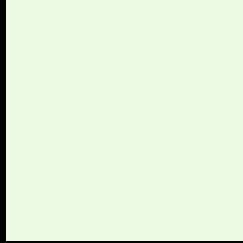
Large Text (above 18pt) WCAG AA × Fail

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 82.6428, 91.7501, 86.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

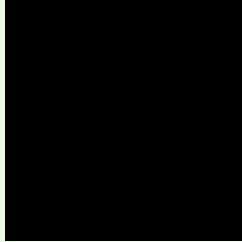
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

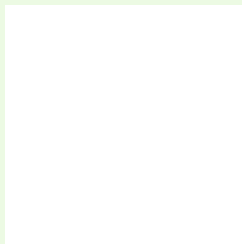
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6428, 91.7501, 86.0269

Background



This preview shows how black text looks on a background with the XYZ color 82.6428, 91.7501, 86.0269.



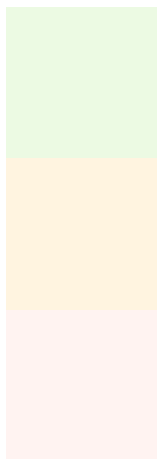
This preview shows how white text looks on a background with the XYZ color 82.6428, 91.7501,

86.0269.

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

82.6428, 91.7501, 86.0269

Protanopia

87.0452, 91.3432, 83.5642

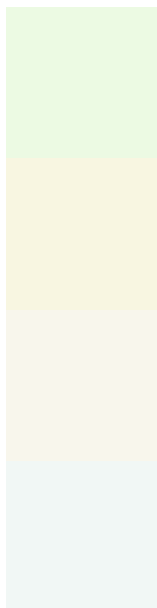
Deuteranopia

89.1678, 91.7121, 96.2216

Tritanopia

88.0106, 91.7579, 107.6801

Trichromacy



Original Color

82.6428, 91.7501, 86.0269

Protanomaly

85.2578, 91.3042, 84.3641

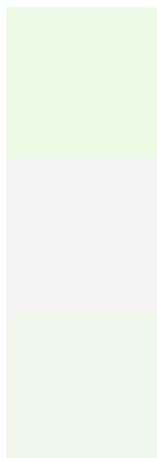
Deuteranomaly

86.8075, 91.9241, 92.5248

Tritanomaly

86.0178, 91.8149, 99.5746

Monochromacy



Original Color

82.6428, 91.7501, 86.0269

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.1770, 90.5512, 93.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6428, 91.7501, 86.0269 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(236, 250, 227) looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 227)  
}
```

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(236, 250, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 227) }
```

Border

The CSS property to change the border of an element to XYZ 82.6428, 91.7501, 86.0269 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(236, 250, 227) }
```


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

```
.border{ border-color:rgb(236, 250, 227) }
```

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

Here you see how a box with a 4 pixel rgb(236, 250, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6428, 91.7501, 86.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 227) }
```

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

```
.background{ background-color: rgb(236,  
250, 227) }
```

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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