

Converting Colors

XYZ(82.4162, 89.8862, 82.1132)

Have a look what the booklet for
XYZ(82.4162, 89.8862, 82.1132)
contains.

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Color

**XYZ(82.4162, 89.8862,
82.1132)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F6DE
RGB	241, 246, 222
RGB Percent	95%, 96%, 87%
CMY	0.0549, 0.0353, 0.1294
CMYK	0.02, 0.00, 0.10, 0.04
HSL	73°, 57%, 92%
HSV	73°, 10%, 96%
XYZ	82.4162, 89.8862, 82.1132
YIQ	241.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

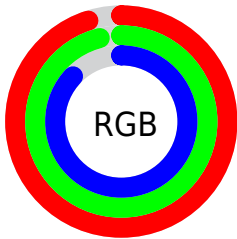
Format	Color
R_{YB}	222, 246, 227
Decimal	15857374
CIE _{Lab}	95.95, -5.75, 10.97
CIE _{LCh}	96, 12.386, 117.661
Yxy	89.8862, 0.3239, 0.3533
Android (android.graphics.Color)	4294047454 (0xFFFF1F6DE)
YUV	241.7690, -9.7461, -0.6744
Hunter-Lab	94.8083, -10.7458, 15.0149

Details

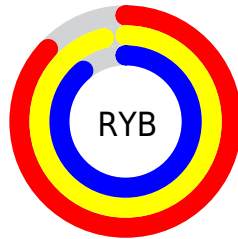
The XYZ color **82.4162, 89.8862, 82.1132** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.4378, 75.2297, 97.7910**, and the grayscale version is **84.2896, 88.6792, 96.5716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3961, 49.9312, 43.8043** is the 20% darker color. If you saturate the color by 10%, you get **77.6313, 87.7757, 65.9155**, and if you desaturate by 10%, it is **87.7365, 92.2224, 100.8509**.

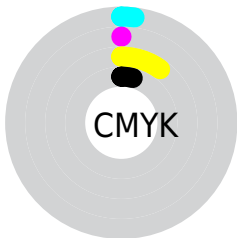
Distribution



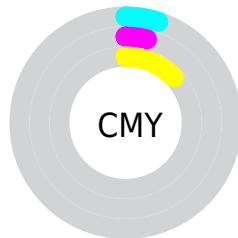
- Red (95%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (5%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.4162, 89.8862, 82.1132 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 82.4162, 89.8862, 82.1132 by changing the saturation by 10% instead.


 82.4162, 89.8862,
82.1132

 82.4162, 89.8862,
82.1132


491.6522,
527.6606, 521.9196

 62.0239, 67.8863,
60.9225


135.6903,
147.1803, 138.1708

 45.3077, 49.8052,
43.7325


169.3028,
183.2433, 173.8749

 31.9022, 35.2586,
30.1246


208.0528,
224.7627, 215.2537

 21.4420, 23.8622,
19.6803

252.3056,
272.1230, 262.7260

 13.5618, 15.2314,
11.9811

302.4266,
325.7085, 316.7101

 7.8962, 8.9820,
6.6084

358.7811,

 4.0798, 4.7294,

385.9037, 377.6248

3.1437

421.7346,
453.0929, 445.8884

■ 1.7474, 2.0894,
1.1685

■ 0.4857, 0.6587,
0.0000

■ 82.4162, 89.8862,
82.1132

■ 82.4162, 89.8862,
82.1132

■ 77.6313, 87.7757,
65.9155

■ 87.7365, 92.2224,
100.8509

■ 73.3532, 85.8707,
52.1427

■ 90.8847, 93.6925,
107.9021

■ 69.5618, 84.1660,
40.6794

■ 92.2476, 94.3951,
107.9659

■ 66.2326, 82.6517,
31.3988

■ 63.3386, 81.3170,
24.1616

■ 60.8500, 80.1499,
18.8125

■ 58.7328, 79.1367,
15.1742

■ 56.9462, 78.2612,
13.0354

■ 55.4251, 77.4972,
12.0544

Harmonies

Analogous

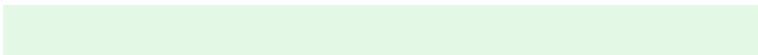
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7029, 89.8862, 80.2262



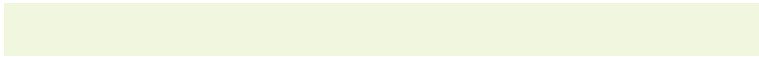
82.4162, 89.8862, 82.1132



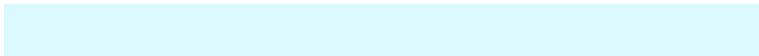
79.9953, 89.8862, 88.1339

Triad

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



82.4162, 89.8862, 82.1132



81.9630, 89.8862, 114.6687



92.1776, 89.8862, 98.6418

Complementary

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



82.4162, 89.8862, 82.1132



74.4378, 75.2297, 97.7910

Split Complementary

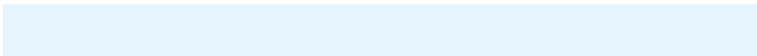
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1141, 89.8862, 108.2996



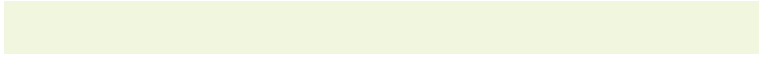
82.4162, 89.8862, 82.1132



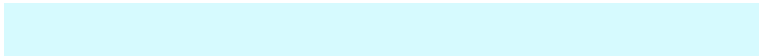
85.1659, 89.8862, 117.9295

Square

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



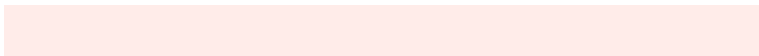
82.4162, 89.8862, 82.1132



79.7386, 89.8862, 106.8809



88.5249, 89.8862, 115.5254



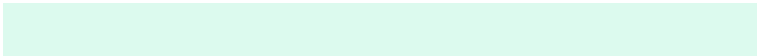
91.3946, 89.8862, 89.3818

Rectangle

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



82.4162, 89.8862, 82.1132



79.1670, 89.8862, 93.8994



88.5249, 89.8862, 115.5254



92.0236, 89.8862, 101.9526

Sweetspot

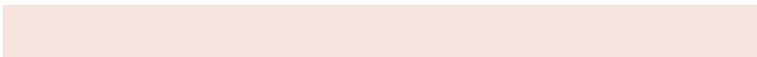
The Sweet Spot groups the original color and five complimentary colors.



82.4187, 89.8901, 82.1151



93.2582, 99.2158, 102.5145



78.6083, 79.6982, 80.3487



19.8605, 21.1922, 21.5863



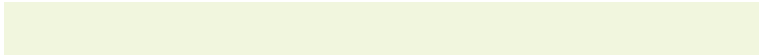
0.0000, 0.0000, 0.0000



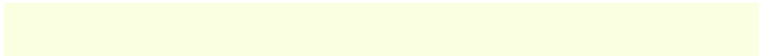
20.3446, 21.4041, 23.3091

Same Dimension

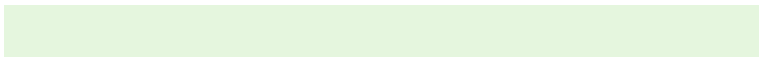
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4187, 89.8901, 82.1151



88.2005, 96.9935, 84.8787



78.5205, 87.8806, 81.9327



17.5566, 19.1290, 17.5645



29.6840, 41.4155, 6.4295



2.6918, 3.6828, 0.5690

Inverse Universe

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



74.4378, 75.2297, 97.7910



77.6973, 77.6989, 105.5100



78.2879, 77.2145, 97.9712



15.9040, 16.0931, 20.8106



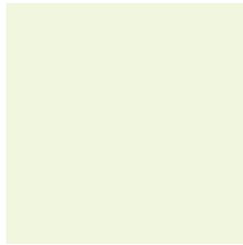
9.7084, 3.9792, 46.7944



0.9352, 0.3920, 4.1166

Previews

White Background



This preview shows how the XYZ color 82.4162, 89.8862, 82.1132 looks on a white background.

Color Contrast Check

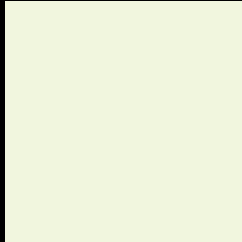
Large Text (above 18pt) WCAG AA × Fail

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 82.4162, 89.8862, 82.1132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

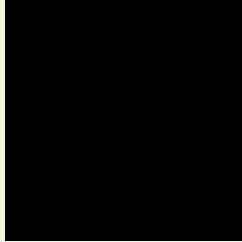
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

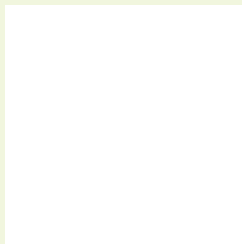
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4162, 89.8862, 82.1132

Background



This preview shows how black text looks on a background with the XYZ color 82.4162, 89.8862, 82.1132.



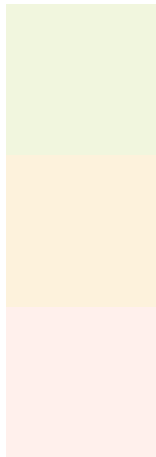
This preview shows how white text looks on a background with the XYZ color 82.4162, 89.8862,

82.1132.

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

82.4162, 89.8862, 82.1132

Protanopia

85.1784, 89.5542, 80.5065

Deuteranopia

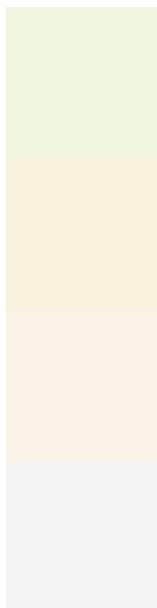
87.5404, 89.6363, 92.0445



Tritanopia

87.5113, 89.7234, 107.3138

Trichromacy



Original Color

82.4162, 89.8862, 82.1132

Protanomaly

84.1687, 89.4614, 81.2382

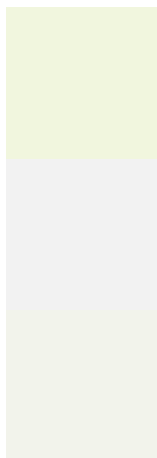
Deuteranomaly

85.6003, 89.5978, 88.3838

Tritanomaly

85.5365, 89.8053, 97.6199

Monochromacy



Original Color

82.4162, 89.8862, 82.1132

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.6639, 88.9766, 91.3619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4162, 89.8862, 82.1132 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(241, 246, 222) looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 222)  
}
```

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(241, 246, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.4162, 89.8862, 82.1132 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(241, 246, 222) }
```


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

```
.border{ border-color:rgb(241, 246, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 246, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 246, 222); box-shadow:4px 4px 4px 4px rgb(241, 246, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4162, 89.8862, 82.1132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 222) }
```

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

```
.background{ background-color: rgb(241,  
246, 222) }
```

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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