

Converting Colors

XYZ(82.2681, 89.2075, 88.2608)

Have a look what the booklet for
XYZ(82.2681, 89.2075, 88.2608)
contains.

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Color

**XYZ(82.3361, 89.2515,
88.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF5E7
RGB	238, 245, 231
RGB Percent	93%, 96%, 91%
CMY	0.0667, 0.0392, 0.0941
CMYK	0.03, 0.00, 0.06, 0.04
HSL	90°, 41%, 93%
HSV	90°, 6%, 96%
XYZ	82.3361, 89.2515, 88.4890
YIQ	241.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

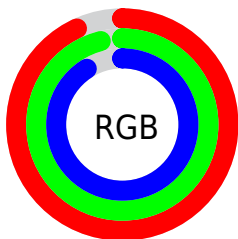
Format	Color
R _Y B	231, 245, 238
Decimal	15660519
CIE Lab	95.69, -4.77, 5.92
CIE LCh	96, 7.600, 128.836
Yxy	89.2515, 0.3166, 0.3432
Android (android.graphics.Color)	4293850599 (0xFFEEF5E7)
YUV	241.3110, -5.0833, -2.9037
Hunter-Lab	94.4730, -9.7596, 10.5966

Details

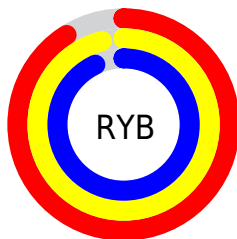
The XYZ color **82.3361, 89.2515, 88.4890** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.3208, 81.9240, 97.9704**, and the grayscale version is **83.8948, 88.2639, 96.1194**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2269, 49.4354, 47.7157** is the 20% darker color. If you saturate the color by 10%, you get **75.1404, 85.9168, 71.3356**, and if you desaturate by 10%, it is **90.2203, 92.8997, 107.7841**.

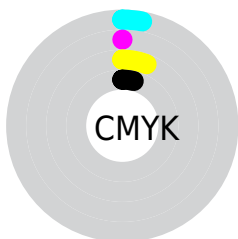
Distribution



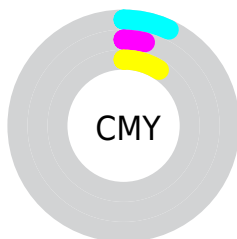
- Red (93%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3361, 89.2515, 88.4890 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 82.3361, 89.2515, 88.4890 by changing the saturation by 10% instead.

82.3361, 89.2515,
88.4890

82.3361, 89.2515,
88.4890

491.3887,
525.5930, 543.5460

61.9577, 67.3600,
66.1615

135.5786,
146.2983, 147.1549

45.2540, 49.3773,
47.9462

169.1734,
182.2223, 184.3303

31.8596, 34.9188,
33.4246

207.9043,
223.5927, 227.2921

21.4093, 23.6004,
22.1781

252.1367,
270.7938, 276.4589

13.5377, 15.0374,
13.7883

302.2360,
324.2099, 332.2491

7.8794, 8.8457,
7.8365

358.5676,

4.0690, 4.6406,

384.2256, 395.0814

3.9042

421.4967,
451.2252, 465.3742

■ 1.7413, 2.0380,
1.5730

■ 0.4819, 0.6294,
0.2714

■ 82.3361, 89.2515,
88.4890

■ 82.3361, 89.2515,
88.4890

■ 75.1404, 85.9168,
71.3356

■ 90.2203, 92.8997,
107.7841

■ 68.6813, 82.9056,
56.6388

■ 91.9442, 93.7884,
107.8647

■ 62.9340, 80.2102,
44.2877

■ 57.8698, 77.8184,
34.1605

■ 53.4572, 75.7169,
26.1243

■ 49.6621, 73.8914,
20.0322

■ 46.4464, 72.3258,
15.7180

■ 43.7667, 71.0020,
12.9879

■ 41.5701, 69.8981,
11.6022

Harmonies

Analogous

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



84.2152, 89.2515, 86.2468



82.3361, 89.2515, 88.4890



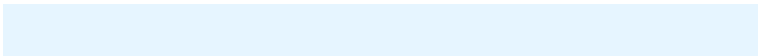
81.1388, 89.2515, 93.0841

Triad

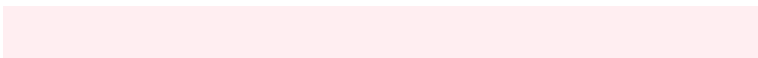
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3361, 89.2515, 88.4890



83.3885, 89.2515, 108.3106



88.8634, 89.2515, 95.4229

Complementary

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



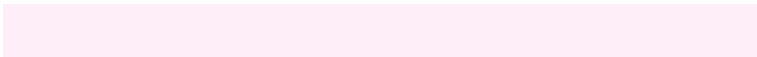
82.3361, 89.2515, 88.4890



80.3208, 81.9240, 97.9704

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.



88.6333, 89.2515, 101.3938



82.3361, 89.2515, 88.4890



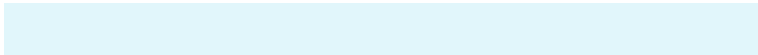
85.4495, 89.2515, 108.9996

Square

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



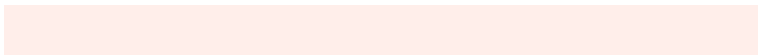
82.3361, 89.2515, 88.4890



81.7394, 89.2515, 104.5758



87.3755, 89.2515, 106.4216



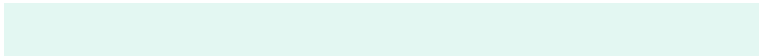
87.9993, 89.2515, 90.1408

Rectangle

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



82.3361, 89.2515, 88.4890



80.8768, 89.2515, 96.9461



87.3755, 89.2515, 106.4216



88.9118, 89.2515, 97.4137

Sweetspot

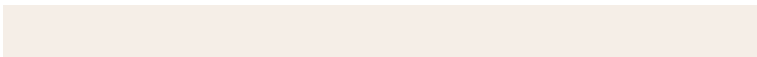
The Sweet Spot groups the original color and five complimentary colors.



82.3386, 89.2553, 88.4909



93.3074, 99.1953, 104.5891



82.6579, 86.3345, 87.9103



19.9899, 21.2403, 22.4315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

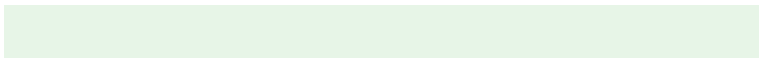
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3386, 89.2553, 88.4909



89.0992, 97.2490, 94.3106



80.0338, 88.0672, 88.3831



17.3712, 19.0177, 18.2626



22.1090, 37.5104, 6.0750



2.0617, 3.3579, 0.5395

Inverse Universe

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



80.3208, 81.9240, 97.9704



86.4111, 87.4822, 106.9391



82.7170, 83.1593, 98.0826



16.8034, 16.9551, 20.9296



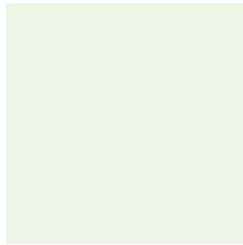
13.4040, 5.8844, 46.9673



1.2966, 0.5783, 4.1335

Previews

White Background



This preview shows how the XYZ color 82.3361, 89.2515, 88.4890 looks on a white background.

Color Contrast Check

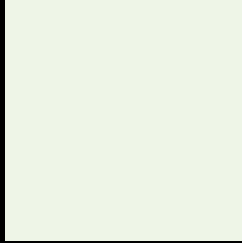
Large Text (above 18pt) WCAG AA × Fail

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 82.3361, 89.2515, 88.4890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

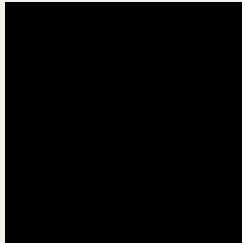
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

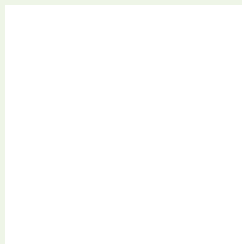
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3361, 89.2515, 88.4890

Background



This preview shows how black text looks on a background with the XYZ color 82.3361, 89.2515, 88.4890.



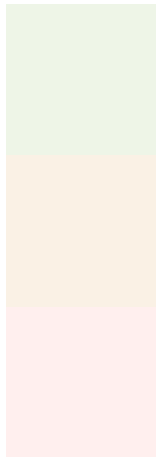
This preview shows how white text looks on a background with the XYZ color 82.3361, 89.2515,

88.4890.

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

82.3361, 89.2515, 88.4890

Protanopia

85.0225, 88.8917, 86.8054

Deuteranopia

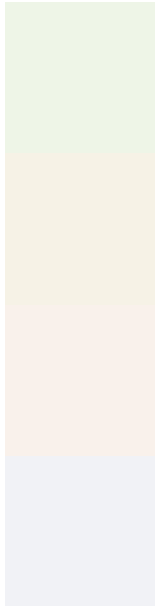
87.5391, 89.1661, 93.4859



Tritanopia

86.1232, 89.0078, 107.2488

Trichromacy



Original Color

82.3361, 89.2515, 88.4890

Protanomaly

84.0411, 88.8103, 87.5756

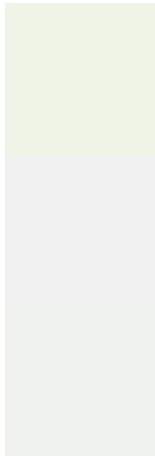
Deuteranomaly

85.5176, 89.0485, 91.2781

Tritanomaly

84.6623, 88.8589, 99.8781

Monochromacy



Original Color

82.3361, 89.2515, 88.4890

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.9734, 88.1440, 92.7611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3361, 89.2515, 88.4890 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, 245, 231) looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 231)  
}
```

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, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 231) }
```

Border

The CSS property to change the border of an element to XYZ 82.3361, 89.2515, 88.4890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

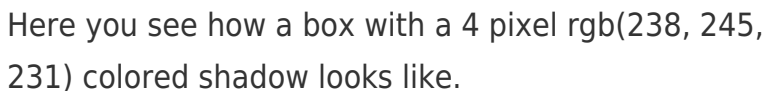
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 245, 231) }
```


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

```
.border{ border-color:rgb(238, 245, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 245, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 245, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 245, 231); box-shadow:4px 4px 4px 4px rgb(238, 245, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3361, 89.2515, 88.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 231) }
```

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

```
.background{ background-color: rgb(238,  
245, 231) }
```

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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