

Converting Colors

XYZ(82.5383, 89.7789, 89.3608)

Have a look what the booklet for
XYZ(82.5383, 89.7789, 89.3608)
contains.

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Color

**XYZ(82.4463, 89.7423,
89.3205)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF6E8
RGB	237, 246, 232
RGB Percent	93%, 96%, 91%
CMY	0.0706, 0.0353, 0.0902
CMYK	0.04, 0.00, 0.06, 0.04
HSL	99°, 44%, 94%
HSV	99°, 6%, 96%
XYZ	82.4463, 89.7423, 89.3205
YIQ	241.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

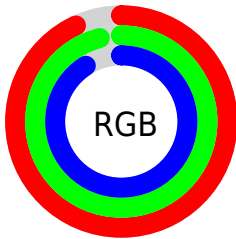
Format	Color
R _Y B	232, 246, 241
Decimal	15595240
CIE Lab	95.89, -5.43, 5.69
CIE LCh	96, 7.868, 133.685
Yxy	89.7423, 0.3153, 0.3432
Android (android.graphics.Color)	4293785320 (0xFFEDF6E8)
YUV	241.7130, -4.7885, -4.1333
Hunter-Lab	94.7324, -10.4319, 10.4098

Details

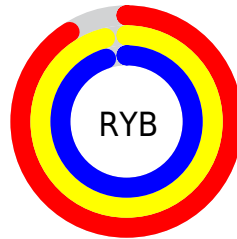
The XYZ color **82.4463, 89.7423, 89.3205** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7703, 83.0703, 98.9179**, and the grayscale version is **84.2106, 88.5961, 96.4811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3060, 49.7853, 48.2959** is the 20% darker color. If you saturate the color by 10%, you get **74.1438, 85.8407, 71.9501**, and if you desaturate by 10%, it is **91.4498, 93.9839, 107.9285**.

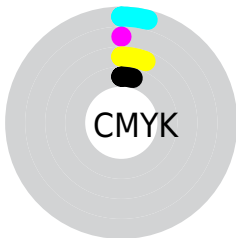
Distribution



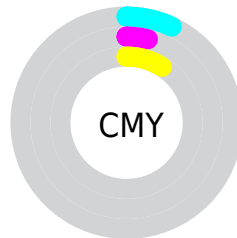
- Red (93%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4463, 89.7423, 89.3205 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 82.4463, 89.7423, 89.3205 by changing the saturation by 10% instead.

82.4463, 89.7423,
89.3205

82.4463, 89.7423,
89.3205

491.7512,
527.1922, 546.3309

62.0488, 67.7669,
66.8467

135.7323,
146.9804, 148.3214

45.3279, 49.7081,
48.4992

169.3515,
183.0119, 185.6856

31.9182, 35.1816,
33.8596

208.1086,
224.4976, 228.8504

21.4542, 23.8028,
22.5093

252.3691,
271.8218, 278.2342

13.5708, 15.1874,
14.0297

302.4982,
325.3690, 334.2556

7.9025, 8.9510,
8.0023

358.8614,

4.0839, 4.7092,

385.5235, 397.3332

4.0086

421.8239,
452.6698, 467.8854

■ 1.7497, 2.0777,
1.6301

■ 0.4871, 0.6520,
0.3122

■ 82.4463, 89.7423,
89.3205

■ 82.4463, 89.7423,
89.3205

■ 74.1438, 85.8407,
71.9501

■ 91.4498, 93.9839,
107.9285

■ 66.7618, 82.3569,
57.0687

■ 92.2476, 94.3951,
107.9659

■ 60.2687, 79.2796,
44.5641

■ 54.6281, 76.5928,
34.3127

■ 49.8010, 74.2793,
26.1802

■ 45.7448, 72.3205,
20.0178

■ 42.4127, 70.6958,
15.6572

■ 39.7514, 69.3821,
12.9025

■ 37.6976, 68.3520,
11.5109

Harmonies

Analogous

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



84.3135, 89.7423, 86.5517



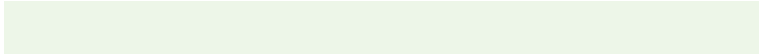
82.4463, 89.7423, 89.3205



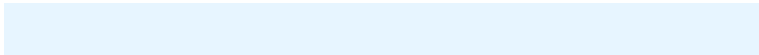
81.3532, 89.7423, 94.3937

Triad

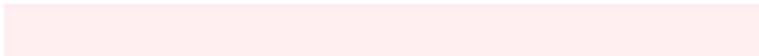
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4463, 89.7423, 89.3205



84.1299, 89.7423, 109.6438



89.4182, 89.7423, 94.9128

Complementary

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



82.4463, 89.7423, 89.3205



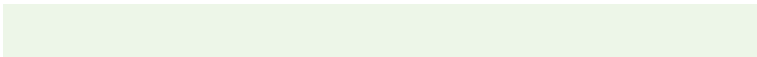
81.7703, 83.0703, 98.9179

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.



89.3670, 89.7423, 101.1115



82.4463, 89.7423, 89.3205



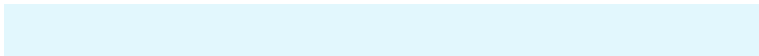
86.2888, 89.7423, 109.7973

Square

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



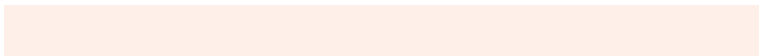
82.4463, 89.7423, 89.3205



82.3139, 89.7423, 106.2069



88.2134, 89.7423, 106.6177



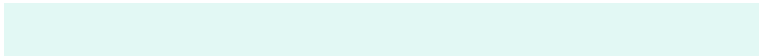
88.3521, 89.7423, 89.6866

Rectangle

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



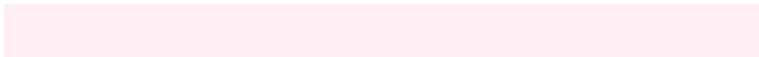
82.4463, 89.7423, 89.3205



81.1987, 89.7423, 98.4845



88.2134, 89.7423, 106.6177



89.5317, 89.7423, 96.9478

Sweetspot

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



82.4488, 89.7462, 89.3225



93.0435, 99.0592, 104.5767



83.9910, 88.2545, 88.9532



19.9362, 21.2126, 22.4290



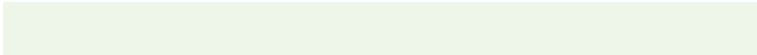
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

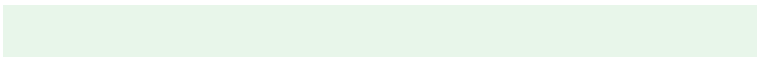
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4488, 89.7462, 89.3225



88.2108, 96.7910, 94.2690



81.0693, 89.0042, 90.6500



17.1836, 18.9211, 18.2538



19.8682, 36.3552, 5.9701



1.8540, 3.2508, 0.5298

Inverse Universe

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



81.7703, 83.0703, 98.9179



87.3119, 87.9466, 106.9813



83.2154, 83.8482, 97.4968



16.9938, 17.0532, 20.9385



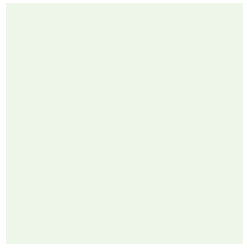
16.5821, 7.5227, 47.1161



1.5691, 0.7188, 4.1463

Previews

White Background



This preview shows how the XYZ color 82.4463, 89.7423, 89.3205 looks on a white background.

Color Contrast Check

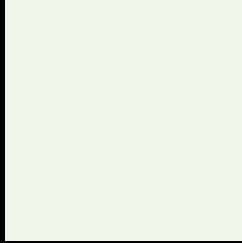
Large Text (above 18pt) WCAG AA × Fail

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 82.4463, 89.7423, 89.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

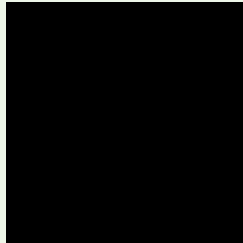
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

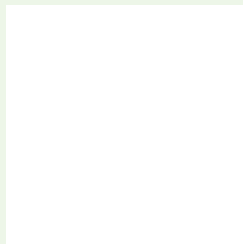
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4463, 89.7423, 89.3205

Background



This preview shows how black text looks on a background with the XYZ color 82.4463, 89.7423, 89.3205.



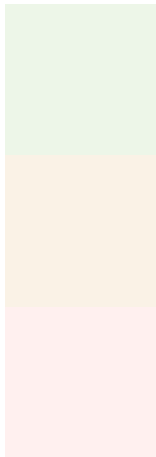
This preview shows how white text looks on a background with the XYZ color 82.4463, 89.7423,

89.3205.

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

82.4463, 89.7423, 89.3205

Protanopia

85.4594, 89.5414, 87.6419

Deuteranopia

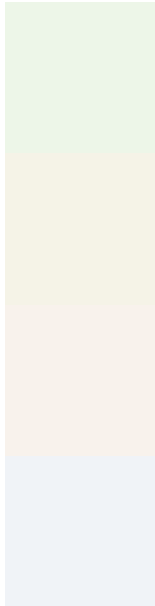
87.9801, 89.8122, 94.3598



Tritanopia

86.4201, 89.6015, 107.3477

Trichromacy



Original Color

82.4463, 89.7423, 89.3205

Protanomaly

84.1306, 89.2832, 88.4005

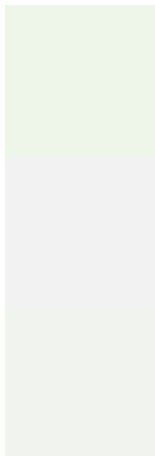
Deuteranomaly

85.6039, 89.5168, 92.1236

Tritanomaly

84.7743, 89.3418, 100.7723

Monochromacy



Original Color

82.4463, 89.7423, 89.3205

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.4184, 88.7995, 93.6323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4463, 89.7423, 89.3205 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(237, 246, 232) looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 232)  
}
```

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(237, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 232) }
```

Border

The CSS property to change the border of an element to XYZ 82.4463, 89.7423, 89.3205 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(237, 246, 232) }
```


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

```
.border{ border-color:rgb(237, 246, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 246, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4463, 89.7423, 89.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 246, 232) }
```

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

```
.background{ background-color: rgb(237,  
246, 232) }
```

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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