

Converting Colors

XYZ(83.7366, 89.5256, 88.4681)

Have a look what the booklet for
XYZ(83.7366, 89.5256, 88.4681)
contains.

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Color

**XYZ(83.7366, 89.5256,
88.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F4E7
RGB	243, 244, 231
RGB Percent	95%, 96%, 91%
CMY	0.0471, 0.0431, 0.0941
CMYK	0.00, 0.00, 0.05, 0.04
HSL	65°, 37%, 93%
HSV	65°, 5%, 96%
XYZ	83.7366, 89.5256, 88.4681
YIQ	242.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

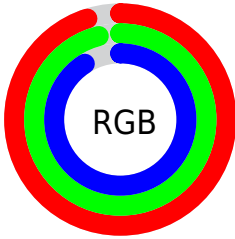
Format	Color
R _Y B	231, 244, 232
Decimal	15987943
CIE Lab	95.80, -2.57, 6.13
CIE LCh	96, 6.649, 112.749
Yxy	89.5256, 0.3199, 0.3421
Android (android.graphics.Color)	4294178023 (0xFFFF3F4E7)
YUV	242.2190, -5.5310, 0.6849
Hunter-Lab	94.6180, -7.6095, 10.7962

Details

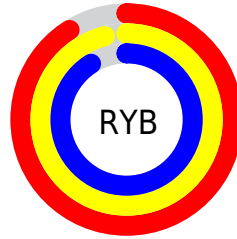
The XYZ color **83.7366, 89.5256, 88.4681** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.1873, 80.8418, 97.0758**, and the grayscale version is **84.6141, 89.0206, 96.9434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2146, 49.6264, 47.7005** is the 20% darker color. If you saturate the color by 10%, you get **79.8814, 87.9116, 71.5346**, and if you desaturate by 10%, it is **88.0191, 91.3171, 107.5946**.

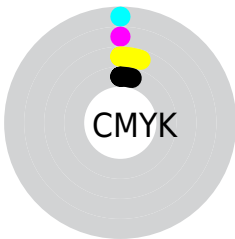
Distribution



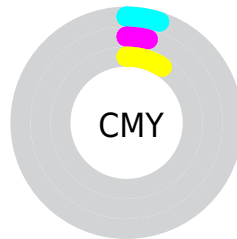
- Red (95%)
- Green (96%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7366, 89.5256, 88.4681 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 83.7366, 89.5256, 88.4681 by changing the saturation by 10% instead.


 83.7366, 89.5256,
88.4681

 83.7366, 89.5256,
88.4681


495.9850,
526.4864, 543.4759

 63.1170, 67.5872,
66.1443

137.5298,
146.6793, 147.1255

 46.1948, 49.5620,
47.9323

171.4341,
182.6633, 184.2962

 32.6049, 35.0655,
33.4137

210.4974,
224.0981, 227.2529

 21.9817, 23.7133,
22.1698

255.0849,
271.3680, 276.4142

 13.9600, 15.1211,
13.7822

305.5621,
324.8574, 332.1986

 8.1744, 8.9044,
7.8323

362.2942,

 4.2595, 4.6789,

384.9507, 395.0247

3.9016

425.6468,
452.0322, 465.3109

■ 1.8499, 2.0601,
1.5715

■ 0.5475, 0.6421,
0.2704

■ 83.7366, 89.5256,
88.4681

■ 83.7366, 89.5256,
88.4681

■ 79.8814, 87.9116,
71.5346

■ 88.0191, 91.3171,
107.5946

■ 76.4911, 86.4815,
57.0258


■ 88.6799, 91.6577,
107.6255


■ 73.5471, 85.2306,
44.8324


■ 89.3475, 92.0018,
107.6568


■ 71.0265, 84.1499,
34.8343


■ 90.0217, 92.3494,
107.6883


 68.9046, 83.2294,
26.9009


 90.7028, 92.7005,
107.7202


 67.1538, 82.4582,
20.8875

 91.3906, 93.0551,
107.7524

 65.7432, 81.8237,
16.6309

 91.6425, 93.1850,
107.7642

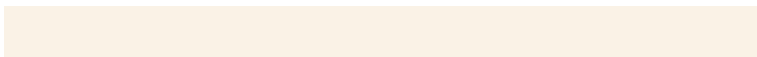
 64.6365, 81.3116,
13.9409

 63.7892, 80.9040,
12.5828

Harmonies

Analogous

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



85.5367, 89.5256, 87.8098



83.7366, 89.5256, 88.4681



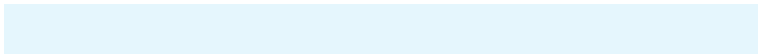
82.3184, 89.5256, 91.4987

Triad

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



83.7366, 89.5256, 88.4681



82.9771, 89.5256, 105.7303



88.6336, 89.5256, 98.7569

Complementary

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



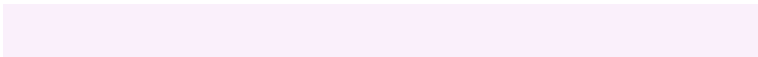
83.7366, 89.5256, 88.4681



78.1873, 80.8418, 97.0758

Split Complementary

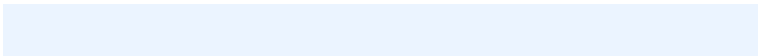
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9260, 89.5256, 103.7127



83.7366, 89.5256, 88.4681



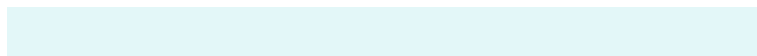
84.6476, 89.5256, 107.8314

Square

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



83.7366, 89.5256, 88.4681



81.8843, 89.5256, 101.4312



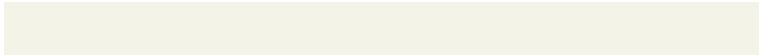
86.4607, 89.5256, 107.0801



88.3812, 89.5256, 93.6291

Rectangle

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



83.7366, 89.5256, 88.4681



81.7717, 89.5256, 94.5171



86.4607, 89.5256, 107.0801



88.4998, 89.5256, 100.5004

Sweetspot

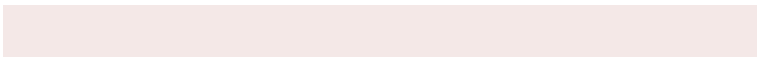
The Sweet Spot groups the original color and five complimentary colors.



83.7391, 89.5295, 88.4700



94.0948, 99.6012, 104.6259



80.5540, 82.6432, 87.3087



20.1502, 21.3229, 22.4390



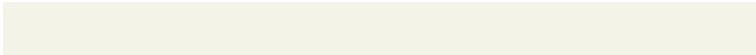
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



83.7391, 89.5295, 88.4700



92.2500, 98.8299, 96.4186



81.5805, 88.4167, 88.3690



18.0254, 19.3471, 18.6538



34.5524, 43.9252, 6.6573



3.0737, 3.8796, 0.5868

Inverse Universe

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



78.1873, 80.8418, 97.0758



85.3573, 88.0437, 107.1031



80.2910, 81.9263, 97.1743



16.5400, 17.0225, 20.9565



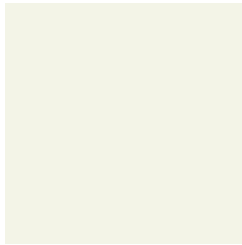
9.0660, 3.6480, 46.7643



0.8371, 0.3414, 4.1120

Previews

White Background



This preview shows how the XYZ color 83.7366, 89.5256, 88.4681 looks on a white background.

Color Contrast Check

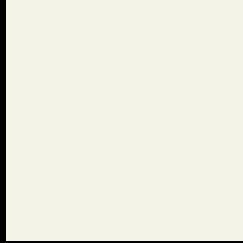
Large Text (above 18pt) WCAG AA × Fail

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 83.7366, 89.5256, 88.4681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

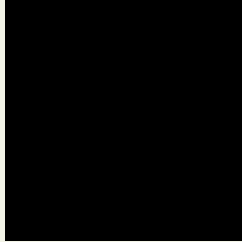
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

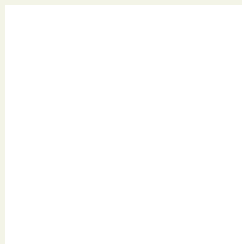
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.7366, 89.5256, 88.4681

Background



This preview shows how black text looks on a background with the XYZ color 83.7366, 89.5256, 88.4681.



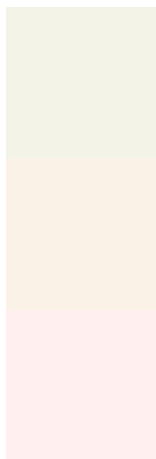
This preview shows how white text looks on a background with the XYZ color 83.7366, 89.5256,

88.4681.

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

83.7366, 89.5256, 88.4681

Protanopia

85.4594, 89.5414, 87.6419

Deuteranopia

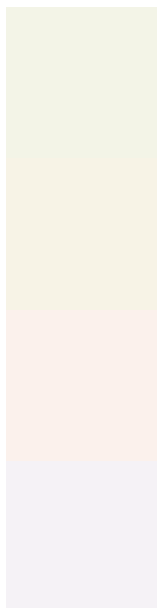
87.6865, 89.2250, 94.2619



Tritanopia

87.5113, 89.7234, 107.3138

Trichromacy



Original Color

83.7366, 89.5256, 88.4681

Protanomaly

84.6913, 89.5885, 87.6915

Deuteranomaly

86.3793, 89.4760, 92.0748

Tritanomaly

86.0429, 89.5706, 99.9427

Monochromacy



Original Color

83.7366, 89.5256, 88.4681

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.1012, 89.1515, 93.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7366, 89.5256, 88.4681 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(243, 244, 231) looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 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(243, 244, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 231) }
```

Border

The CSS property to change the border of an element to XYZ 83.7366, 89.5256, 88.4681 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(243, 244, 231) }
```


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

```
.border{ border-color:rgb(243, 244, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 231);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7366, 89.5256, 88.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 231) }
```

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

```
.background{ background-color: rgb(243,  
244, 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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