

Converting Colors

XYZ(81.4284, 86.4164, 79.4761)

Have a look what the booklet for
XYZ(81.4284, 86.4164, 79.4761)
contains.

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Color

**XYZ(81.3089, 86.2600,
79.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EFDB
RGB	245, 239, 219
RGB Percent	96%, 94%, 86%
CMY	0.0392, 0.0627, 0.1412
CMYK	0.00, 0.02, 0.11, 0.04
HSL	46°, 57%, 91%
HSV	46°, 11%, 96%
XYZ	81.3089, 86.2600, 79.3822
YIQ	238.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

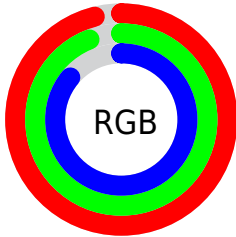
Format	Color
RYB	227, 245, 219
Decimal	16117723
CIELab	94.42, -1.32, 10.38
CIELCh	94, 10.463, 97.230
Yxy	86.2600, 0.3293, 0.3493
Android (android.graphics.Color)	4294307803 (0xFFFF5EFDB)
YUV	238.5140, -9.6204, 5.6882
Hunter-Lab	92.8763, -6.2649, 14.3377

Details

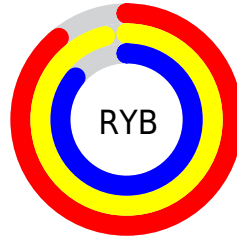
The XYZ color **81.3089, 86.2600, 79.3822** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.6199, 75.5017, 97.1329**, and the grayscale version is **81.7353, 85.9919, 93.6452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6206, 47.3661, 41.9128** is the 20% darker color. If you saturate the color by 10%, you get **76.6906, 81.8103, 63.0838**, and if you desaturate by 10%, it is **86.4584, 91.0106, 98.2019**.

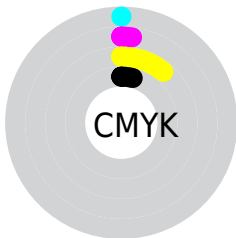
Distribution



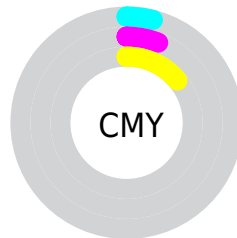
- Red (96%)
- Green (94%)
- Blue (86%)



- Red (89%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3089, 86.2600, 79.3822 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 81.3089, 86.2600, 79.3822 by changing the saturation by 10% instead.

81.3089, 86.2600,
79.3822

81.3089, 86.2600,
79.3822

488.0027,
515.7881, 512.5001

61.1082, 64.8830,
58.6869

134.1453,
142.1323, 134.3003

44.5654, 47.3662,
41.9428

167.5117,
177.3963, 169.3603

31.3150, 33.3253,
28.7313

205.9974,
218.0581, 210.0455

20.9919, 22.3757,
18.6338

249.9678,
264.5022, 256.7746

13.2305, 14.1332,
11.2318

299.7881,
317.1128, 309.9660

7.6655, 8.2134,
6.1069

355.8238,

3.9317, 4.2318,

376.2744, 370.0384

2.8403

418.4402,
442.3714, 437.4103

■ 1.6636, 1.8041,
1.0137

■ 0.4333, 0.4897,
0.0000

■ 81.3089, 86.2600,
79.3822

■ 81.3089, 86.2600,
79.3822

■ 76.6906, 81.8103,
63.0838

■ 86.4584, 91.0106,
98.2019

■ 72.5754, 77.6409,
49.1920

■ 89.9869, 95.1934,
108.2391

■ 68.9429, 73.7459,
37.5919

■ 91.4666, 98.1527,
108.7323

■ 65.7685, 70.1146,
28.1567

■ 63.0256, 66.7355,
20.7471

■ 60.6840, 63.5959,
15.2079

■ 58.7094, 60.6812,
11.3609

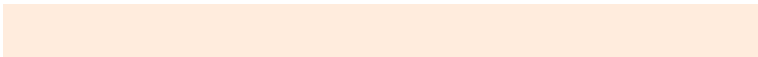
■ 57.0611, 57.9742,
8.9934

■ 55.7484, 55.5964,
7.7929

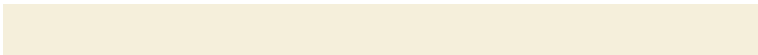
Harmonies

Analogous

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



84.0981, 86.2600, 80.3549



81.3089, 86.2600, 79.3822



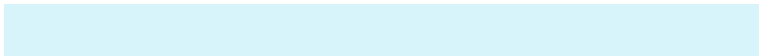
78.7594, 86.2600, 82.1242

Triad

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



81.3089, 86.2600, 79.3822



77.7572, 86.2600, 103.6067



87.0751, 86.2600, 100.0443

Complementary

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



81.3089, 86.2600, 79.3822



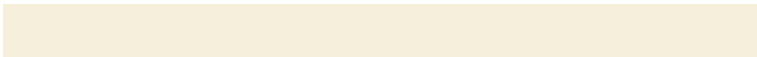
72.6199, 75.5017, 97.1329

Split Complementary

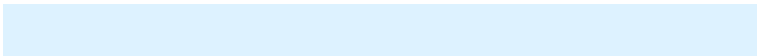
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3027, 86.2600, 106.7999



81.3089, 86.2600, 79.3822



79.9125, 86.2600, 108.9372

Square

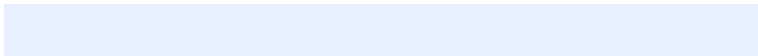
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3089, 86.2600, 79.3822



76.7395, 86.2600, 95.8850



82.6700, 86.2600, 110.1380



87.4696, 86.2600, 91.9870

Rectangle

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



81.3089, 86.2600, 79.3822



77.5244, 86.2600, 85.7874



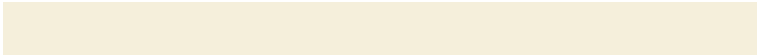
82.6700, 86.2600, 110.1380



86.6188, 86.2600, 102.5562

Sweetspot

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



81.3113, 86.2638, 79.3841



93.2824, 98.3967, 102.3551



76.5885, 75.5166, 81.8225



19.8671, 20.9703, 21.5431



0.0000, 0.0000, 0.0000



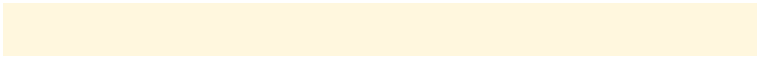
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3113, 86.2638, 79.3841



87.7745, 93.2654, 82.3777



80.7219, 88.6089, 79.8678



17.5718, 18.6277, 17.4669



30.1427, 30.1710, 4.2349



2.7262, 2.8056, 0.3978

Inverse Universe

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



72.6199, 75.5017, 97.1329



76.2844, 79.0382, 105.8430



73.1572, 73.4148, 96.7017



15.8912, 16.5467, 20.8988



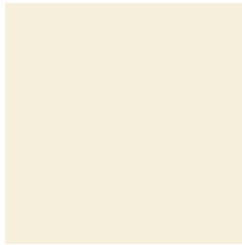
9.7400, 5.2737, 47.0426



0.9311, 0.6136, 4.1596

Previews

White Background



This preview shows how the XYZ color 81.3089, 86.2600, 79.3822 looks on a white background.

Color Contrast Check

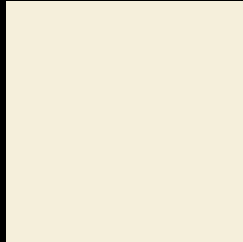
Large Text (above 18pt) WCAG AA × Fail

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 81.3089, 86.2600, 79.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

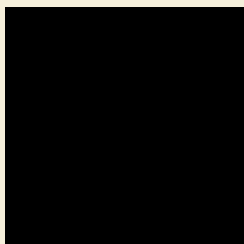
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

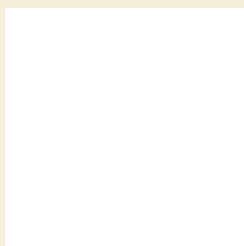
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3089, 86.2600, 79.3822

Background



This preview shows how black text looks on a background with the XYZ color 81.3089, 86.2600, 79.3822.



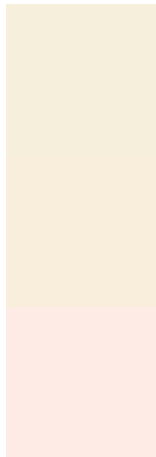
This preview shows how white text looks on a background with the XYZ color 81.3089, 86.2600,

79.3822.

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

81.3089, 86.2600, 79.3822

Protanopia

82.0721, 86.2200, 79.3343

Deuteranopia

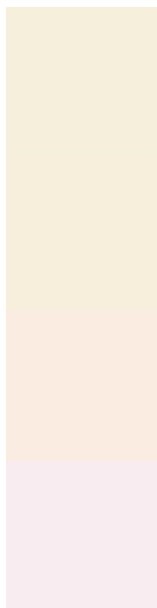
85.2313, 86.3898, 87.0456



Tritanopia

86.4178, 86.1979, 104.1786

Trichromacy



Original Color

81.3089, 86.2600, 79.3822

Protanomaly

81.7185, 86.0377, 79.3177

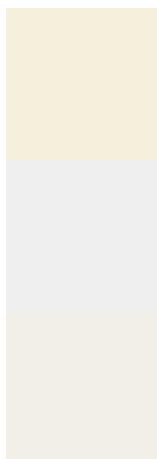
Deuteranomaly

83.5066, 85.9911, 84.1482

Tritanomaly

84.4350, 86.2386, 94.6336

Monochromacy



Original Color

81.3089, 86.2600, 79.3822

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7076, 86.2600, 88.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3089, 86.2600, 79.3822 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(245, 239, 219) looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 219)  
}
```

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(245, 239, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 219) }
```

Border

The CSS property to change the border of an element to XYZ 81.3089, 86.2600, 79.3822 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(245, 239, 219) }
```


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

```
.border{ border-color:rgb(245, 239, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3089, 86.2600, 79.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 219) }
```

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

```
.background{ background-color: rgb(245,  
239, 219) }
```

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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