

Converting Colors

XYZ(81.6944, 85.4659, 86.0285)

Have a look what the booklet for
XYZ(81.6944, 85.4659, 86.0285)
contains.

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Color

**XYZ(81.7353, 85.4586,
86.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EDE5
RGB	244, 237, 229
RGB Percent	96%, 93%, 90%
CMY	0.0431, 0.0706, 0.1020
CMYK	0.00, 0.03, 0.06, 0.04
HSL	32°, 41%, 93%
HSV	32°, 6%, 96%
XYZ	81.7353, 85.4586, 86.3160
YIQ	238.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

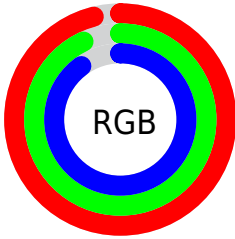
Format	Color
R _Y B	242, 244, 229
Decimal	16051685
CIE Lab	94.08, 0.99, 4.69
CIE LCh	94, 4.797, 78.090
Yxy	85.4586, 0.3224, 0.3371
Android (android.graphics.Color)	4294241765 (0xFFFF4EDE5)
YUV	238.1810, -4.5262, 5.1033
Hunter-Lab	92.4438, -3.9538, 9.3508

Details

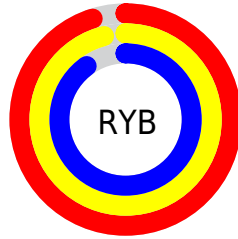
The XYZ color **81.7353, 85.4586, 86.3160** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.6377, 83.1794, 97.4996**, and the grayscale version is **81.4405, 85.6818, 93.3075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9029, 46.7951, 46.7101** is the 20% darker color. If you saturate the color by 10%, you get **75.3749, 77.8114, 68.5522**, and if you desaturate by 10%, it is **88.7885, 93.7230, 106.6752**.

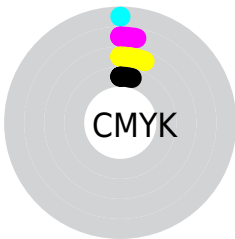
Distribution



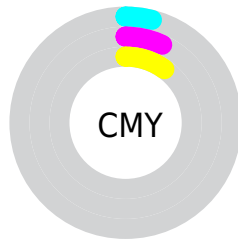
- Red (96%)
- Green (93%)
- Blue (90%)



- Red (95%)
- Yellow (96%)
- Blue (90%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7353, 85.4586, 86.3160 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 81.7353, 85.4586, 86.3160 by changing the saturation by 10% instead.

81.7353, 85.4586,
86.3160

81.7353, 85.4586,
86.3160

489.4098,
513.1443, 536.2303

61.4607, 64.2204,
64.3729

134.7405,
141.0137, 144.1008

44.8511, 46.8292,
46.5047

168.2018,
176.0994, 180.7796

31.5409, 32.9006,
32.2927

206.7895,
216.5697, 223.2075

21.1649, 22.0503,
21.3185

250.8688,
262.8091, 271.8028

13.3578, 13.8939,
13.1635

300.8051,
315.2018, 326.9842

7.7541, 8.0469,
7.4092

356.9638,

3.9885, 4.1250,

374.1323, 389.1703

3.6370

419.7103,
439.9850, 458.7795

■ 1.6956, 1.7437,
1.4284

■ 0.4535, 0.4517,
0.1637

■ 81.7353, 85.4586,
86.3160

■ 81.7353, 85.4586,
86.3160

■ 75.3749, 77.8114,
68.5522

■ 88.7885, 93.7230,
106.6752

■ 69.6764, 70.7547,
53.2724

■ 91.1187, 97.9733,
108.7160

■ 64.6170, 64.2757,
40.3651

■ 60.1698, 58.3571,
29.7083

■ 56.3054, 52.9805,
21.1688

■ 52.9919, 48.1262,
14.5994

■ 50.1933, 43.7725,
9.8333

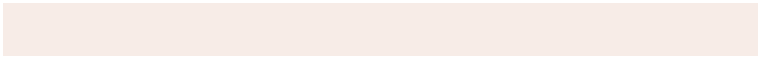
■ 47.8684, 39.8954,
6.6760

■ 45.9667, 36.4670,
4.8861

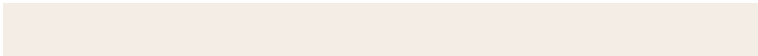
Harmonies

Analogous

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



82.8825, 85.4586, 87.8977



81.7353, 85.4586, 86.3160



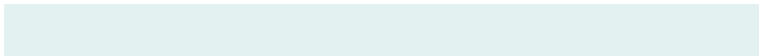
80.4633, 85.4586, 86.5034

Triad

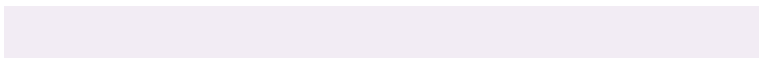
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7353, 85.4586, 86.3160



78.9066, 85.4586, 95.2578



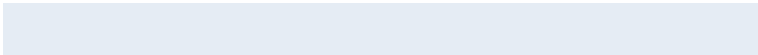
83.0729, 85.4586, 97.8424

Complementary

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



81.7353, 85.4586, 86.3160



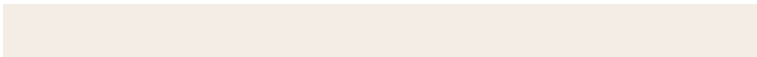
78.6377, 83.1794, 97.4996

Split Complementary

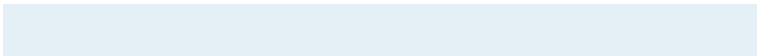
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9931, 85.4586, 99.9186



81.7353, 85.4586, 86.3160



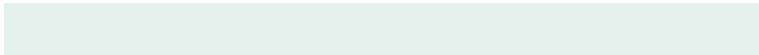
79.5914, 85.4586, 98.3996

Square

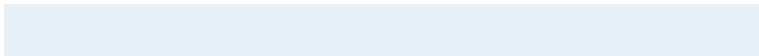
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7353, 85.4586, 86.3160



78.8392, 85.4586, 91.6014



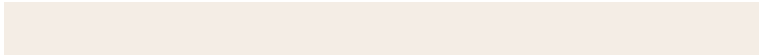
80.7185, 85.4586, 100.1252



83.6602, 85.4586, 94.5135

Rectangle

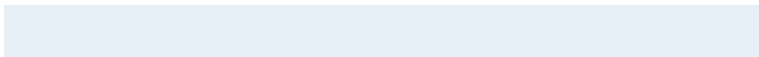
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7353, 85.4586, 86.3160



79.7156, 85.4586, 87.6069



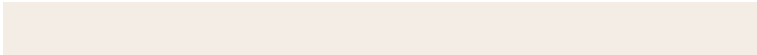
80.7185, 85.4586, 100.1252



82.7550, 85.4586, 98.7137

Sweetspot

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



81.7377, 85.4623, 86.3178



93.4855, 98.1676, 104.3813



80.4691, 81.3291, 90.8150



20.0262, 21.0312, 22.3892



0.0000, 0.0000, 0.0000



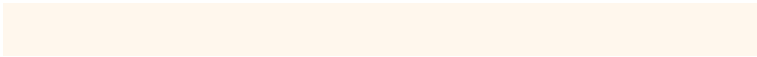
20.3446, 21.4041, 23.3091

Same Dimension

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



81.7377, 85.4623, 86.3178



89.7095, 93.7062, 93.5946



83.6296, 89.5035, 86.9981



17.5002, 18.2679, 18.1110



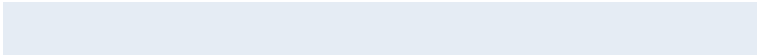
24.7796, 19.4448, 2.4472



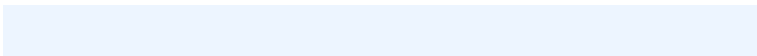
2.2807, 1.9147, 0.2494

Inverse Universe

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



78.6377, 83.1794, 97.4996



85.8214, 90.8429, 107.6189



76.8226, 79.3120, 96.8488



16.6791, 17.6632, 21.0728



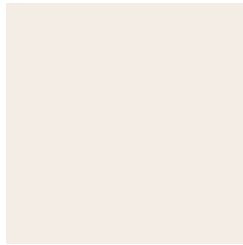
12.2723, 10.3384, 47.8867



1.1805, 1.1123, 4.2427

Previews

White Background



This preview shows how the XYZ color 81.7353, 85.4586, 86.3160 looks on a white background.

Color Contrast Check

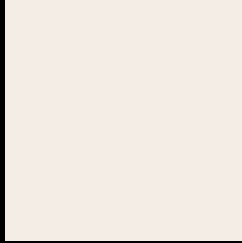
Large Text (above 18pt) WCAG AA × Fail

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 81.7353, 85.4586, 86.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

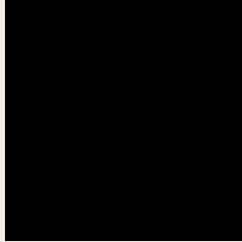
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

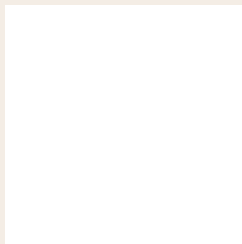
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7353, 85.4586, 86.3160

Background



This preview shows how black text looks on a background with the XYZ color 81.7353, 85.4586, 86.3160.



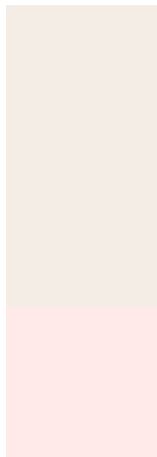
This preview shows how white text looks on a background with the XYZ color 81.7353, 85.4586,

86.3160.

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

81.7353, 85.4586, 86.3160

Protanopia

81.7353, 85.4586, 86.3160

Deuteranopia

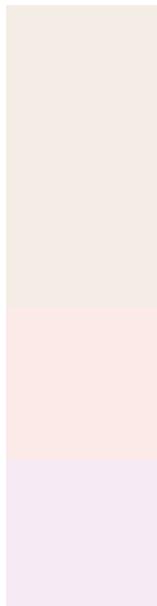
85.0869, 85.4210, 89.0941



Tritanopia

85.3513, 85.6481, 104.1287

Trichromacy



Original Color

81.7353, 85.4586, 86.3160

Protanomaly

81.7353, 85.4586, 86.3160

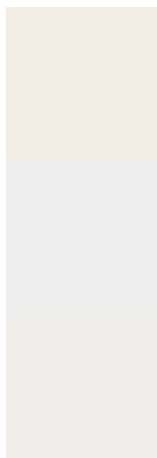
Deuteranomaly

83.7720, 85.1811, 88.3703

Tritanomaly

84.0435, 85.5411, 97.6695

Monochromacy



Original Color

81.7353, 85.4586, 86.3160

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5051, 85.6725, 90.8379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7353, 85.4586, 86.3160 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(244, 237, 229) looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 229)  
}
```

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(244, 237, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 229) }
```

Border

The CSS property to change the border of an element to XYZ 81.7353, 85.4586, 86.3160 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(244, 237, 229) }
```


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

```
.border{ border-color:rgb(244, 237, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 229);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7353, 85.4586, 86.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 229) }
```

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

```
.background{ background-color: rgb(244,  
237, 229) }
```

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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