

Converting Colors

XYZ(82.1694, 88.2392, 87.1916)

Have a look what the booklet for
XYZ(82.1694, 88.2392, 87.1916)
contains.

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Color

**XYZ(82.1286, 88.2836,
86.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F3E5
RGB	240, 243, 229
RGB Percent	94%, 95%, 90%
CMY	0.0588, 0.0470, 0.1020
CMYK	0.01, 0.00, 0.06, 0.05
HSL	73°, 37%, 93%
HSV	73°, 6%, 95%
XYZ	82.1286, 88.2836, 86.8405
YIQ	240.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

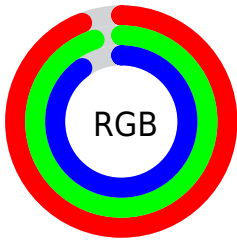
Format	Color
R_{YB}	229, 243, 232
Decimal	15791077
CIE Lab	95.28, -3.42, 6.39
CIE LCh	95, 7.246, 118.166
Yxy	88.2836, 0.3193, 0.3432
Android (android.graphics.Color)	4293981157 (0xFFFF0F3E5)
YUV	240.5070, -5.6730, -0.4446
Hunter-Lab	93.9594, -8.4044, 10.9737

Details

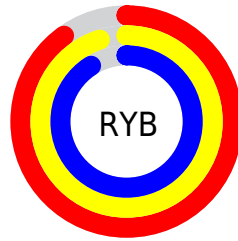
The XYZ color **82.1286, 88.2836, 86.8405** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.4791, 79.6679, 96.0925**, and the grayscale version is **83.2655, 87.6018, 95.3983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1775, 48.7870, 47.0801** is the 20% darker color. If you saturate the color by 10%, you get **77.2265, 86.1241, 70.1220**, and if you desaturate by 10%, it is **87.5614, 90.6670, 106.0667**.

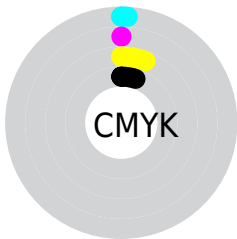
Distribution



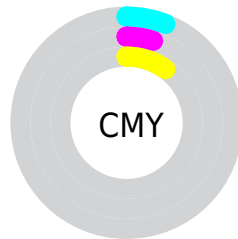
- Red (94%)
- Green (95%)
- Blue (90%)



- Red (90%)
- Yellow (95%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1286, 88.2836, 86.8405 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 82.1286, 88.2836, 86.8405 by changing the saturation by 10% instead.

82.1286, 88.2836,
86.8405

82.1286, 88.2836,
86.8405

490.7057,
522.4315, 538.0012

61.7860, 66.5580,
64.8043

135.2892,
144.9519, 144.8387

45.1148, 48.7255,
46.8521

168.8379,
180.6634, 181.6378

31.7495, 34.4018,
32.5653

207.5194,
221.8056, 224.1951

21.3248, 23.2024,
21.5252

251.6990,
268.7630, 272.9289

13.4755, 14.7430,
13.3135

301.7421,
321.9198, 328.2579

7.8360, 8.6392,
7.5115

358.0140,

4.0411, 4.5066,

381.6606, 390.6006

3.7007

420.8801,
448.3697, 460.3755

■ 1.7254, 1.9608,
1.4627

■ 0.4721, 0.5846,
0.1899

■ 82.1286, 88.2836,
86.8405

■ 82.1286, 88.2836,
86.8405

■ 77.2265, 86.1241,
70.1220

■ 87.5614, 90.6670,
106.0667

■ 72.8279, 84.1689,
55.8020

■ 89.6806, 91.7280,
107.5863

■ 68.9137, 82.4132,
43.7721

■ 91.3424, 92.5847,
107.6641

■ 65.4609, 80.8479,
33.9129

■ 62.4443, 79.4627,
26.0946

■ 59.8362, 78.2466,
20.1732

■ 57.6054, 77.1869,
15.9862

■ 55.7152, 76.2690,
13.3438

■ 54.1207, 75.4748,
12.0113

Harmonies

Analogous

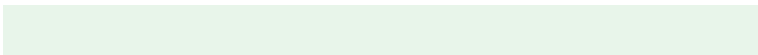
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0327, 88.2836, 85.6460



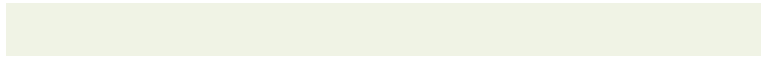
82.1286, 88.2836, 86.8405



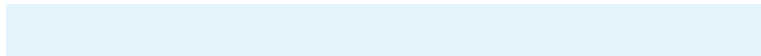
80.7213, 88.2836, 90.4949

Triad

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



82.1286, 88.2836, 86.8405



81.9210, 88.2836, 105.6789



87.7695, 88.2836, 96.4748

Complementary

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



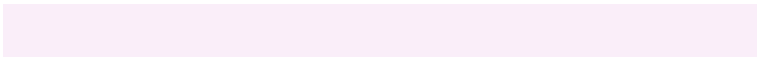
82.1286, 88.2836, 86.8405



77.4791, 79.6679, 96.0925

Split Complementary

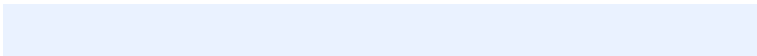
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1834, 88.2836, 101.9856



82.1286, 88.2836, 86.8405



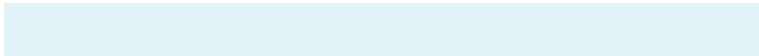
83.7893, 88.2836, 107.4275

Square

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



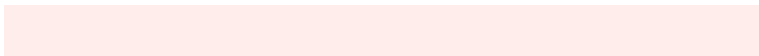
82.1286, 88.2836, 86.8405



80.6028, 88.2836, 101.3590



85.7188, 88.2836, 106.0505



87.3083, 88.2836, 91.0760

Rectangle

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



82.1286, 88.2836, 86.8405



80.2436, 88.2836, 93.9096



85.7188, 88.2836, 106.0505



87.6883, 88.2836, 98.3767

Sweetspot

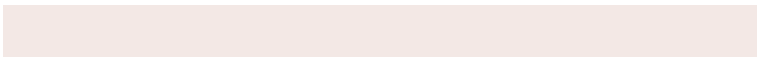
The Sweet Spot groups the original color and five complimentary colors.



82.1310, 88.2874, 86.8424



93.8382, 99.4689, 104.6139



79.9083, 82.3151, 85.8068



20.0980, 21.2960, 22.4366



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.



82.1310, 88.2874, 86.8424



90.9130, 98.1841, 94.3955



79.8660, 87.1198, 86.7364



17.7546, 19.2154, 18.2805



29.4821, 41.3114, 6.4200



2.6757, 3.6745, 0.5682

Inverse Universe

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



77.4791, 79.6679, 96.0925



84.6464, 86.5725, 106.8566



79.7290, 80.8277, 96.1978



16.4312, 16.7632, 20.9122



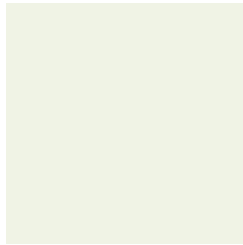
9.7516, 4.0015, 46.7964



0.9403, 0.3946, 4.1168

Previews

White Background



This preview shows how the XYZ color 82.1286, 88.2836, 86.8405 looks on a white background.

Color Contrast Check

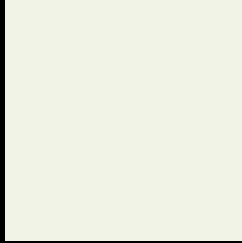
Large Text (above 18pt) WCAG AA × Fail

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 82.1286, 88.2836, 86.8405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

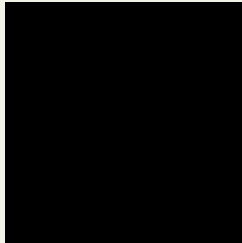
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

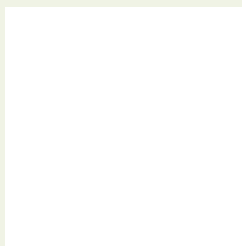
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1286, 88.2836, 86.8405

Background



This preview shows how black text looks on a background with the XYZ color 82.1286, 88.2836, 86.8405.



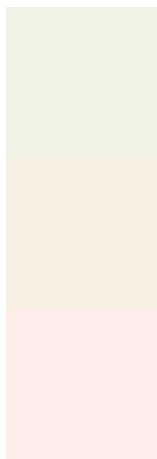
This preview shows how white text looks on a background with the XYZ color 82.1286, 88.2836,

86.8405.

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

82.1286, 88.2836, 86.8405

Protanopia

84.2306, 88.0613, 85.9569

Deuteranopia

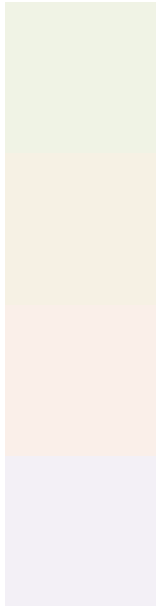
86.6645, 87.8845, 91.7526



Tritanopia

86.2247, 88.1861, 107.0848

Trichromacy



Original Color

82.1286, 88.2836, 86.8405

Protanomaly

83.4649, 88.1049, 86.0057

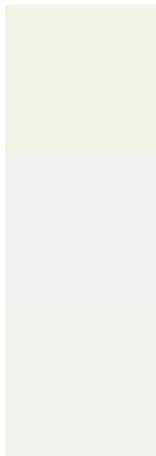
Deuteranomaly

84.9988, 87.9402, 89.5850

Tritanomaly

84.7568, 88.0287, 99.7129

Monochromacy



Original Color

82.1286, 88.2836, 86.8405

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.3138, 88.3195, 92.7770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1286, 88.2836, 86.8405 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(240, 243, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 243, 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(240, 243, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 243, 229) }
```

Border

The CSS property to change the border of an element to XYZ 82.1286, 88.2836, 86.8405 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(240, 243, 229) }
```


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

```
.border{ border-color:rgb(240, 243, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 243, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 243, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 243, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 243,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1286, 88.2836, 86.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 243, 229) }
```

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

```
.background{ background-color: rgb(240,  
243, 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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