

Converting Colors

XYZ(82.7067, 86.7962, 78.3446)

Have a look what the booklet for
XYZ(82.7067, 86.7962, 78.3446)
contains.

XYZ(82.8152, 87.0668, 78.0864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.8152, 87.0668,
78.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEFD9
RGB	250, 239, 217
RGB Percent	98%, 94%, 85%
CMY	0.0196, 0.0627, 0.1490
CMYK	0.00, 0.04, 0.13, 0.02
HSL	40°, 77%, 92%
HSV	40°, 13%, 98%
XYZ	82.8152, 87.0668, 78.0864
YIQ	239.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

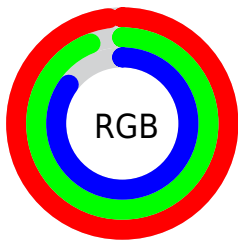
Format	Color
R_{YB}	234, 250, 217
Decimal	16445401
CIE _{Lab}	94.77, 0.12, 11.96
CIE _{LCh}	95, 11.957, 89.440
Yxy	87.0668, 0.3340, 0.3511
Android (android.graphics.Color)	4294635481 (0xFFFAEFD9)
YUV	239.7810, -11.2310, 8.9621
Hunter-Lab	93.3096, -4.8674, 15.6997

Details

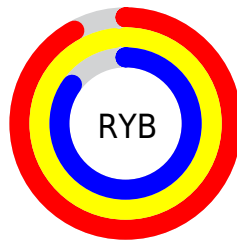
The XYZ color **82.8152, 87.0668, 78.0864** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6136, 77.1390, 101.4525**, and the grayscale version is **82.7328, 87.0413, 94.7880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4474, 47.8131, 41.0159** is the 20% darker color. If you saturate the color by 10%, you get **77.4248, 81.1010, 61.4435**, and if you desaturate by 10%, it is **88.8154, 93.4621, 97.3648**.

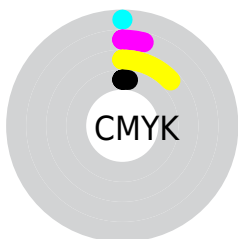
Distribution



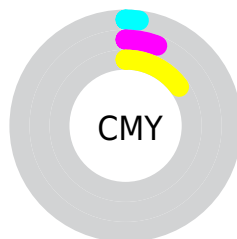
- Red (98%)
- Green (94%)
- Blue (85%)



- Red (92%)
- Yellow (98%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8152, 87.0668, 78.0864 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 82.8152, 87.0668, 78.0864 by changing the saturation by 10% instead.

82.8152, 87.0668,
78.0864

82.8152, 87.0668,
78.0864

492.9637,
518.4423, 507.9959

62.3541, 65.5505,
57.6281

136.2465,
143.2572, 132.4589

45.5756, 47.9076,
41.0970

169.9474,
178.7002, 167.2101

32.1142, 33.7537,
28.0746

208.7922,
219.5541, 207.5628

21.6047, 22.7045,
18.1424

253.1464,
266.2034, 253.9354

13.6817, 14.3754,
10.8818

303.3753,
319.0325, 306.7464

7.9799, 8.3822,
5.8742

359.8443,

4.1338, 4.3405,

378.4257, 366.4145

2.7012

422.9186,
444.7676, 433.3582

■ 1.7781, 1.8658,
0.9440

■ 0.5044, 0.5277,
0.0000

■ 82.8152, 87.0668,
78.0864

■ 82.8152, 87.0668,
78.0864

■ 77.4248, 81.1010,
61.4435

■ 88.8154, 93.4621,
97.3648

■ 72.6134, 75.5415,
47.3139

■ 93.2346, 99.0641,
108.8150

■ 68.3583, 70.3794,
35.5735

■ 64.6320, 65.6013,
26.0859

■ 61.4043, 61.1926,
18.7005

■ 58.6417, 57.1373,
13.2483

■ 56.3055, 53.4172,
9.5335

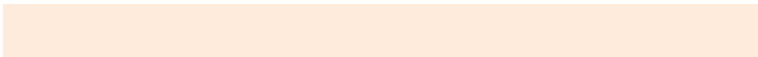
■ 54.3490, 50.0109,
7.3189

■ 53.1896, 47.8540,
6.4334

Harmonies

Analogous

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



85.9562, 87.0668, 80.2793



82.8152, 87.0668, 78.0864



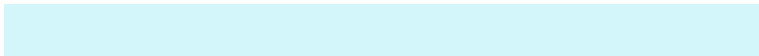
79.7358, 87.0668, 80.1236

Triad

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



82.8152, 87.0668, 78.0864



77.4568, 87.0668, 103.8253



88.2247, 87.0668, 104.1461

Complementary

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



82.8152, 87.0668, 78.0864



73.6136, 77.1390, 101.4525

Split Complementary

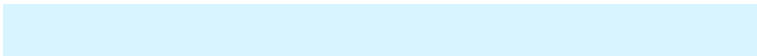
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8482, 87.0668, 111.1695



82.8152, 87.0668, 78.0864



79.6331, 87.0668, 110.9760

Square

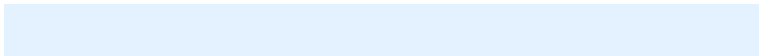
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8152, 87.0668, 78.0864



76.6914, 87.0668, 94.6269



82.6936, 87.0668, 113.7451



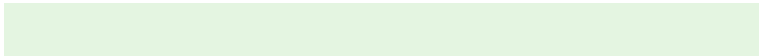
89.1288, 87.0668, 94.9752

Rectangle

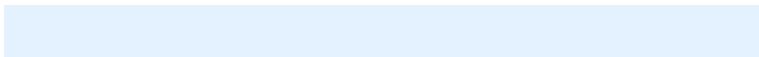
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8152, 87.0668, 78.0864



78.1200, 87.0668, 83.6870



82.6936, 87.0668, 113.7451



87.5685, 87.0668, 106.8577

Sweetspot

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



82.8176, 87.0706, 78.0883



92.3763, 97.2112, 100.1211



78.2417, 75.5523, 83.8591



19.6672, 20.6967, 21.0877



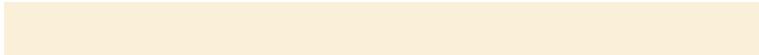
0.0000, 0.0000, 0.0000



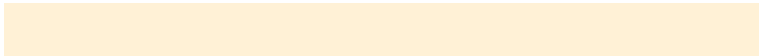
20.3446, 21.4041, 23.3091

Same Dimension

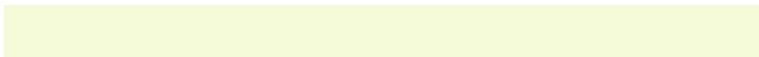
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8176, 87.0706, 78.0883



84.9789, 89.2767, 76.5056



84.1928, 92.7044, 79.1032



18.2117, 19.1592, 18.2006



28.3510, 25.6586, 3.4583



2.7232, 2.5712, 0.3528

Inverse Universe

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



73.6136, 77.1390, 101.4525



73.5266, 76.9196, 105.5794



72.3469, 72.1378, 100.5540



16.7555, 17.5878, 21.8970



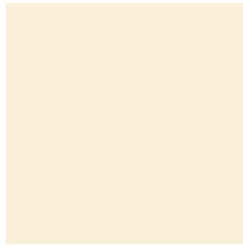
10.9231, 7.2018, 48.7879



1.1048, 0.8533, 4.5496

Previews

White Background



This preview shows how the XYZ color 82.8152, 87.0668, 78.0864 looks on a white background.

Color Contrast Check

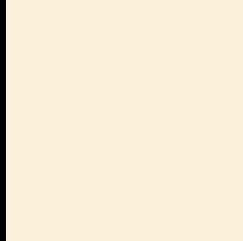
Large Text (above 18pt) WCAG AA × Fail

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 82.8152, 87.0668, 78.0864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

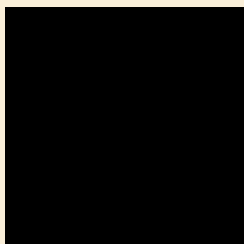
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8152, 87.0668, 78.0864

Background



This preview shows how black text looks on a background with the XYZ color 82.8152, 87.0668, 78.0864.



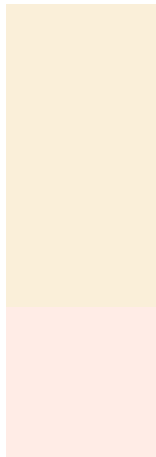
This preview shows how white text looks on a background with the XYZ color 82.8152, 87.0668,

78.0864.

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

82.8152, 87.0668, 78.0864

Protanopia

82.8152, 87.0668, 78.0864

Deuteranopia

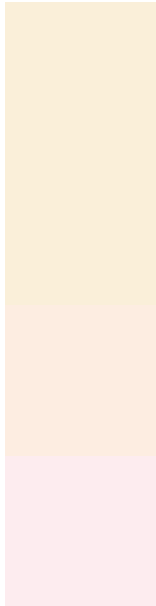
85.5184, 86.9641, 87.1414



Tritanopia

88.2335, 87.1339, 104.2636

Trichromacy



Original Color

82.8152, 87.0668, 78.0864

Protanomaly

82.8152, 87.0668, 78.0864

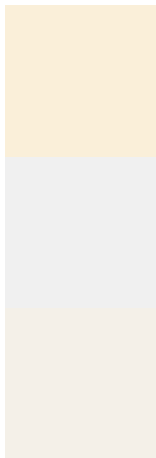
Deuteranomaly

84.3828, 86.8873, 83.5576

Tritanomaly

86.0835, 87.1055, 93.9373

Monochromacy



Original Color

82.8152, 87.0668, 78.0864

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.0338, 87.3795, 88.8335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8152, 87.0668, 78.0864 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(250, 239, 217) looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 217)  
}
```

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(250, 239, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 217) }
```

Border

The CSS property to change the border of an element to XYZ 82.8152, 87.0668, 78.0864 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(250, 239, 217) }
```


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

```
.border{ border-color:rgb(250, 239, 217) }
```

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

Here you see how a box with a 4 pixel rgb(250, 239, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 239, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 239, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 239,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8152, 87.0668, 78.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 217) }
```

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

```
.background{ background-color: rgb(250,  
239, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor