

Converting Colors

XYZ(87.4196, 95.2187, 82.8788)

Have a look what the booklet for
XYZ(87.4196, 95.2187, 82.8788)
contains.

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Color

**XYZ(87.4196, 95.2187,
82.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFCDE
RGB	250, 252, 222
RGB Percent	98%, 99%, 87%
CMY	0.0196, 0.0117, 0.1294
CMYK	0.01, 0.00, 0.12, 0.01
HSL	64°, 83%, 93%
HSV	64°, 12%, 99%
XYZ	87.4196, 95.2187, 82.8788
YIQ	247.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

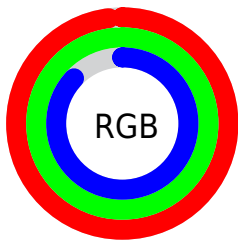
Format	Color
R _Y B	222, 252, 224
Decimal	16448734
CIE Lab	98.12, -5.65, 14.15
CIE LCh	98, 15.237, 111.766
Yxy	95.2187, 0.3292, 0.3586
Android (android.graphics.Color)	4294638814 (0xFFFAFCDE)
YUV	247.9820, -12.8091, 1.7698
Hunter-Lab	97.5801, -10.8513, 17.9486

Details

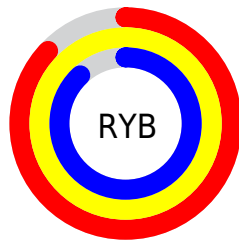
The XYZ color **87.4196, 95.2187, 82.8788** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.4360, 75.1207, 102.6770**, and the grayscale version is **89.3072, 93.9582, 102.3204**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4825, 53.1577, 44.2644** is the 20% darker color. If you saturate the color by 10%, you get **83.6916, 93.6613, 66.3715**, and if you desaturate by 10%, it is **91.6630, 96.9892, 102.0493**.

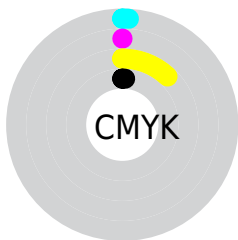
Distribution



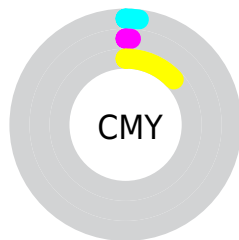
- Red (98%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4196, 95.2187, 82.8788 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 87.4196, 95.2187, 82.8788 by changing the saturation by 10% instead.

87.4196, 95.2187,
82.8788

87.4196, 95.2187,
82.8788

507.9646,
544.8649, 524.5429

66.1717, 72.3170,
61.5501

142.6455,
154.5667, 139.2534

48.6800, 53.4177,
44.2359

177.3542,
191.7818, 175.1364

34.5792, 38.1363,
30.5174

217.2806,
234.5369, 216.7080

23.5039, 26.0885,
19.9763

262.7900,
283.2162, 264.3867

15.0888, 16.8899,
12.1939

314.2477,
338.2043, 318.5910

8.9684, 10.1560,
6.7517

372.0191,

4.7775, 5.5025,

399.8855, 379.7394

3.2312

436.4696,
468.6443, 448.2505

■ 2.1507, 2.5450,
1.2139

■ 0.7166, 0.8991,
0.0000

■ 87.4196, 95.2187,
82.8788

■ 87.4196, 95.2187,
82.8788

■ 83.6916, 93.6613,
66.3715

■ 91.6630, 96.9892,
102.0493

■ 80.4490, 92.2954,
52.4037

■ 93.5048, 97.7966,
108.5561

■ 77.6704, 91.1158,
40.8511

■ 94.1023, 98.1046,
108.5841

■ 75.3297, 90.1120,
31.5764

■ 73.3982, 89.2725,
24.4289

■ 71.8437, 88.5844,
19.2393

■ 70.6294, 88.0329,
15.8129

■ 69.7105, 87.6003,
13.9149

■ 69.1285, 87.3153,
13.2101

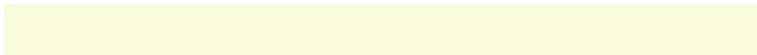
Harmonies

Analogous

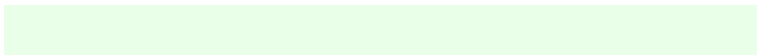
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7123, 95.2187, 81.6200



87.4196, 95.2187, 82.8788



84.0560, 95.2187, 89.4741

Triad

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



87.4196, 95.2187, 82.8788



85.3970, 95.2187, 123.7701



99.0835, 95.2187, 107.1646

Complementary

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



87.4196, 95.2187, 82.8788



74.4360, 75.1207, 102.6770

Split Complementary

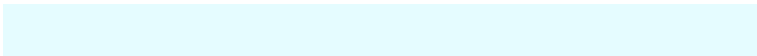
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.2705, 95.2187, 119.3085



87.4196, 95.2187, 82.8788



89.3035, 95.2187, 129.3877

Square

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



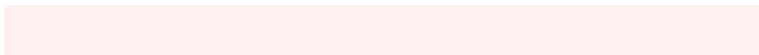
87.4196, 95.2187, 82.8788



82.9147, 95.2187, 112.8673



93.6571, 95.2187, 127.6924



98.5397, 95.2187, 94.9996

Rectangle

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



87.4196, 95.2187, 82.8788



82.7475, 95.2187, 96.3219



93.6571, 95.2187, 127.6924



98.7275, 95.2187, 111.3972

Sweetspot

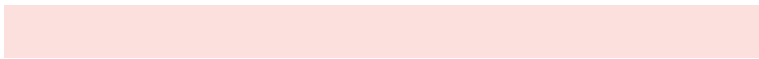
The Sweet Spot groups the original color and five complimentary colors.



87.4222, 95.2229, 82.8808



93.2006, 99.2313, 100.4676



79.9884, 79.2831, 80.1960



19.8764, 21.2095, 21.1756



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

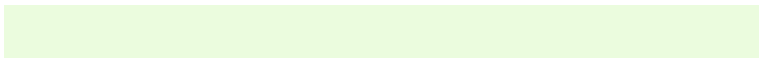
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4222, 95.2229, 82.8808



88.9535, 97.4607, 81.3485



82.2596, 92.5615, 82.6392



18.6061, 20.1283, 18.3669



36.0583, 45.5070, 6.8833



3.3731, 4.2320, 0.6391

Inverse Universe

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



74.4360, 75.1207, 102.6770



73.4878, 73.5197, 104.9252



79.2915, 77.6237, 102.9043



16.3904, 16.6984, 21.7445



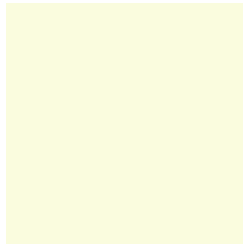
9.3130, 3.7437, 48.2053



0.8989, 0.3655, 4.4663

Previews

White Background



This preview shows how the XYZ color 87.4196, 95.2187, 82.8788 looks on a white background.

Color Contrast Check

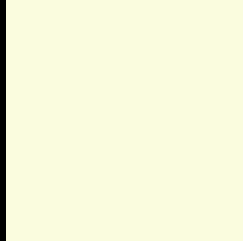
Large Text (above 18pt) WCAG AA × Fail

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 87.4196, 95.2187, 82.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

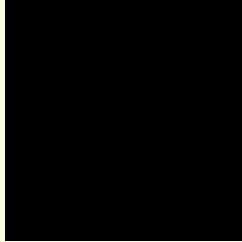
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.4196, 95.2187, 82.8788

Background



This preview shows how black text looks on a background with the XYZ color 87.4196, 95.2187, 82.8788.



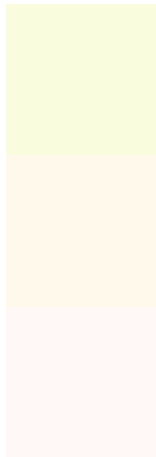
This preview shows how white text looks on a background with the XYZ color 87.4196, 95.2187,

82.8788.

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

87.4196, 95.2187, 82.8788

Protanopia

90.2560, 95.0675, 92.9497

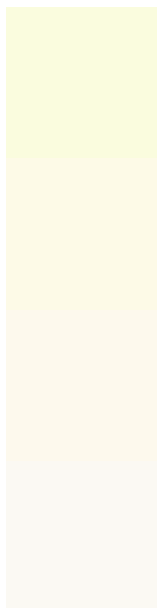
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

91.7623, 95.0503, 108.1179

Trichromacy



Original Color

87.4196, 95.2187, 82.8788

Protanomaly

89.1174, 95.0234, 89.2457

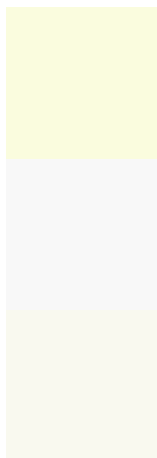
Deuteranomaly

89.6698, 94.7484, 93.6829

Tritanomaly

89.8370, 94.7317, 98.3441

Monochromacy



Original Color

87.4196, 95.2187, 82.8788

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5226, 94.1231, 95.1633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4196, 95.2187, 82.8788 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, 252, 222)` looks like.

```
.text, #text, p{  
    color:rgb(250, 252, 222)  
}
```

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, 252, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 252, 222) }
```

Border

The CSS property to change the border of an element to XYZ 87.4196, 95.2187, 82.8788 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, 252, 222) }
```


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

```
.border{ border-color:rgb(250, 252, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 252, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 252, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 252, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 252,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4196, 95.2187, 82.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 252, 222) }
```

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

```
.background{ background-color: rgb(250,  
252, 222) }
```

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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