

Converting Colors

XYZ(87.9251, 94.9198, 87.0860)

Have a look what the booklet for
XYZ(87.9251, 94.9198, 87.0860)
contains.

XYZ(87.9251, 94.9198, 87.0860)	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(87.9251, 94.9198,
87.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFBE4
RGB	250, 251, 228
RGB Percent	98%, 98%, 89%
CMY	0.0196, 0.0157, 0.1059
CMYK	0.00, 0.00, 0.09, 0.02
HSL	63°, 74%, 94%
HSV	63°, 9%, 98%
XYZ	87.9251, 94.9198, 87.0860
YIQ	248.0790, 6.7870, -7.3650

Conversions

Conversions Part 2

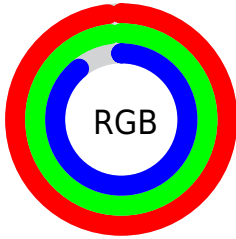
Format	Color
R_{YB}	228, 251, 229
Decimal	16448484
CIE Lab	98.00, -4.20, 10.91
CIE LCh	98, 11.686, 111.061
Yxy	94.9198, 0.3257, 0.3516
Android (android.graphics.Color)	4294638564 (0xFFFAFBE4)
YUV	248.0790, -9.8989, 1.6847
Hunter-Lab	97.4268, -9.4054, 15.2017

Details

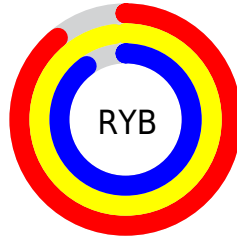
The XYZ color **87.9251, 94.9198, 87.0860** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.4728, 79.1124, 102.4588**, and the grayscale version is **89.3645, 94.0184, 102.3860**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0503, 53.3848, 47.2542** is the 20% darker color. If you saturate the color by 10%, you get **84.2997, 93.4275, 70.0285**, and if you desaturate by 10%, it is **92.0640, 96.6240, 106.8122**.

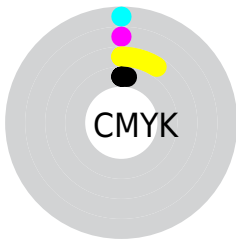
Distribution



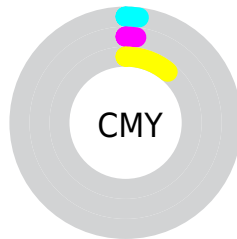
- Red (98%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9251, 94.9198, 87.0860 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 87.9251, 94.9198, 87.0860 by changing the saturation by 10% instead.

87.9251, 94.9198,
87.0860

87.9251, 94.9198,
87.0860

509.5970,
543.9082, 538.8290

66.5916, 72.0682,
65.0063

143.3459,
154.1538, 145.1839

49.0223, 53.2144,
47.0148

178.1640,
191.3050, 182.0393

34.8518, 37.9740,
32.6930

218.2077,
233.9916, 224.6570

23.7147, 25.9625,
21.6222

263.8422,
282.5979, 273.4555

15.2457, 16.7956,
13.3839

315.4331,
337.5083, 328.8534

9.0794, 10.0888,
7.5596

373.3456,

4.8506, 5.4579,

399.1072, 391.2693

3.7308

437.9451,
467.7790, 461.1216

■ 2.1937, 2.5184,
1.4788

■ 0.7394, 0.8858,
0.2021

■ 87.9251, 94.9198,
87.0860

■ 87.9251, 94.9198,
87.0860

■ 84.2997, 93.4275,
70.0285

■ 92.0640, 96.6240,
106.8122

■ 81.1583, 92.1259,
55.5192

■ 92.7644, 96.9500,
108.4317

■ 78.4801, 91.0099,
43.4376

■ 93.1632, 97.1555,
108.4504

■ 76.2400, 90.0694,
33.6510

■ 93.5642, 97.3623,
108.4692

74.4104, 89.2933,
26.0140

93.7891, 97.4782,
108.4797

72.9604, 88.6694,
20.3646

71.8551, 88.1836,
16.5180

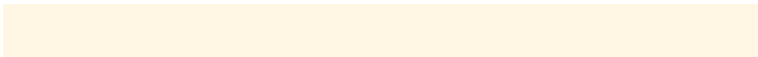
71.0527, 87.8191,
14.2548

70.4903, 87.5510,
13.2440

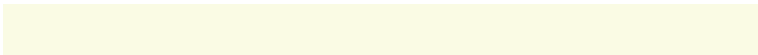
Harmonies

Analogous

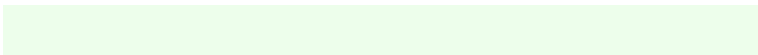
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2222, 94.9198, 86.1903



87.9251, 94.9198, 87.0860



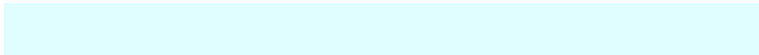
85.3040, 94.9198, 92.1936

Triad

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



87.9251, 94.9198, 87.0860



86.2333, 94.9198, 118.3628



96.7273, 94.9198, 106.2423

Complementary

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



87.9251, 94.9198, 87.0860



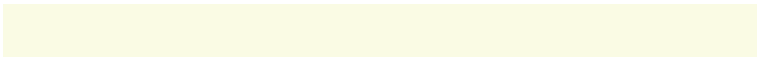
77.4728, 79.1124, 102.4588

Split Complementary

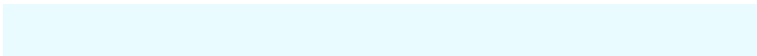
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.3180, 94.9198, 115.3753



87.9251, 94.9198, 87.0860



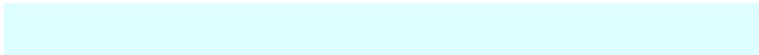
89.2220, 94.9198, 122.6517

Square

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



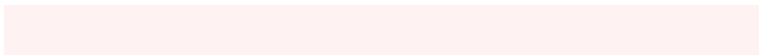
87.9251, 94.9198, 87.0860



84.3442, 94.9198, 110.1184



92.5513, 94.9198, 121.5259



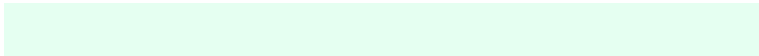
96.3592, 94.9198, 96.8677

Rectangle

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



87.9251, 94.9198, 87.0860



84.2663, 94.9198, 97.4834



92.5513, 94.9198, 121.5259



96.4445, 94.9198, 109.4506

Sweetspot

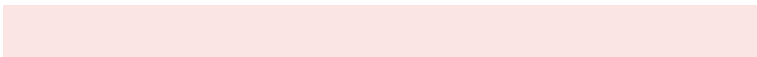
The Sweet Spot groups the original color and five complimentary colors.



87.9277, 94.9239, 87.0880



93.7197, 99.4537, 102.5361



81.7451, 82.0226, 84.9237



19.9855, 21.2566, 21.5922



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

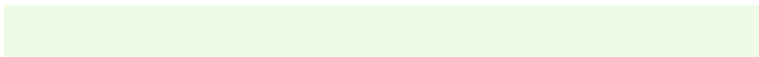
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9277, 94.9239, 87.0880



90.4088, 98.0916, 86.8054



84.0109, 92.9048, 86.9047



18.6480, 20.1498, 18.3688



37.0618, 46.0243, 6.9302



3.4551, 4.2743, 0.6429

Inverse Universe

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



77.4728, 79.1124, 102.4588



77.5560, 78.6535, 105.7017



81.1847, 81.0260, 102.6326



16.3531, 16.6792, 21.7428



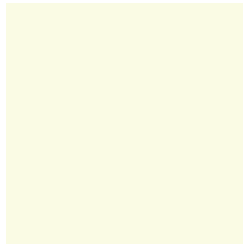
9.2560, 3.7143, 48.2026



0.8812, 0.3563, 4.4655

Previews

White Background



This preview shows how the XYZ color 87.9251, 94.9198, 87.0860 looks on a white background.

Color Contrast Check

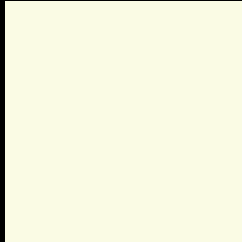
Large Text (above 18pt) WCAG AA × Fail

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 87.9251, 94.9198, 87.0860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

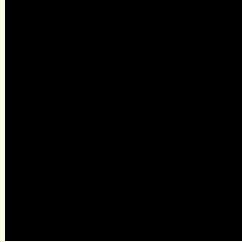
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.9251, 94.9198, 87.0860

Background



This preview shows how black text looks on a background with the XYZ color 87.9251, 94.9198, 87.0860.



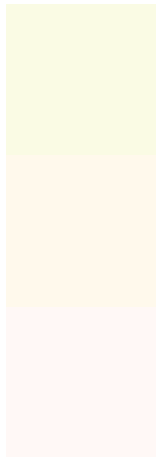
This preview shows how white text looks on a background with the XYZ color 87.9251, 94.9198,

87.0860.

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

87.9251, 94.9198, 87.0860

Protanopia

90.2560, 95.0675, 92.9497

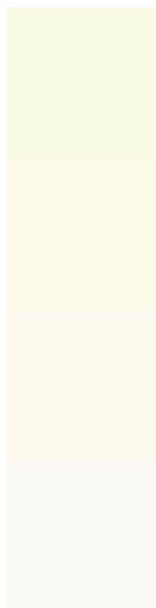
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

91.4011, 94.8640, 108.1010

Trichromacy



Original Color

87.9251, 94.9198, 87.0860

Protanomaly

89.4016, 95.1371, 90.7421

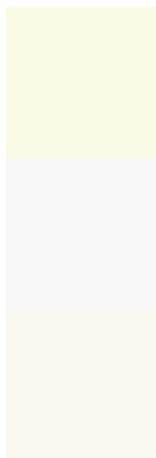
Deuteranomaly

89.9637, 94.8660, 95.2307

Tritanomaly

90.1408, 94.8532, 99.9438

Monochromacy



Original Color

87.9251, 94.9198, 87.0860

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8198, 94.2420, 96.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9251, 94.9198, 87.0860 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, 251, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 251, 228)  
}
```

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, 251, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 251, 228) }
```

Border

The CSS property to change the border of an element to XYZ 87.9251, 94.9198, 87.0860 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, 251, 228) }
```


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

```
.border{ border-color:rgb(250, 251, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 251, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 251, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 251, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 251,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9251, 94.9198, 87.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 251, 228) }
```

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

```
.background{ background-color: rgb(250,  
251, 228) }
```

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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