

Converting Colors

XYZ(87.4856, 93.2151, 91.2232)

Have a look what the booklet for
XYZ(87.4856, 93.2151, 91.2232)
contains.

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Color

**XYZ(87.4856, 93.2151,
91.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F8EA
RGB	249, 248, 234
RGB Percent	98%, 97%, 92%
CMY	0.0235, 0.0274, 0.0823
CMYK	0.00, 0.00, 0.06, 0.02
HSL	56°, 56%, 95%
HSV	56°, 6%, 98%
XYZ	87.4856, 93.2151, 91.2232
YIQ	246.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

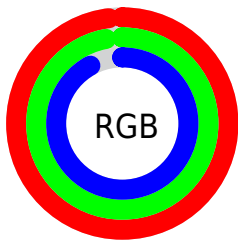
Format	Color
R _Y B	235, 249, 234
Decimal	16382186
CIE Lab	97.31, -2.05, 6.83
CIE LCh	97, 7.129, 106.738
Yxy	93.2151, 0.3217, 0.3428
Android (android.graphics.Color)	4294572266 (0xFFFF9F8EA)
YUV	246.7030, -6.2626, 2.0145
Hunter-Lab	96.5480, -7.2136, 11.5635

Details

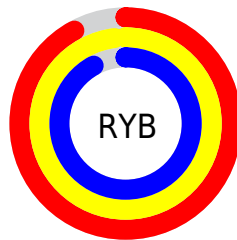
The XYZ color 87.4856, 93.2151, 91.2232 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 80.7388, 83.7472, 101.5330, and the grayscale version is 88.2155, 92.8095, 101.0696.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8778, 52.2511, 49.6288 is the 20% darker color. If you saturate the color by 10%, you get 83.6522, 90.8757, 73.5194, and if you desaturate by 10%, it is 91.1968, 95.5188, 108.2381.

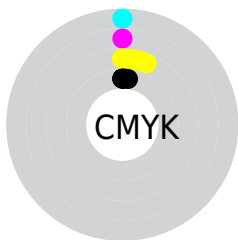
Distribution



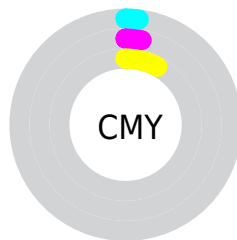
- Red (98%)
- Green (97%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4856, 93.2151, 91.2232 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 87.4856, 93.2151, 91.2232 by changing the saturation by 10% instead.

87.4856, 93.2151,
91.2232

87.4856, 93.2151,
91.2232

508.1779,
538.4349, 552.6743

66.2265, 70.6503,
68.4162

142.7370,
151.7964, 150.9866

48.7247, 52.0569,
49.7676

177.4600,
188.5816, 188.7802

34.6148, 37.0504,
34.8589

217.4017,
230.8759, 232.4062

23.5314, 25.2465,
23.2715

262.9274,
279.0634, 282.2835

15.1092, 16.2608,
14.5869

314.4025,
333.5287, 338.8303

8.9829, 9.7089,
8.3866

372.1924,

4.7870, 5.2064,

394.6561, 402.4654

4.2520

436.6624,
462.8300, 473.6072

■ 2.1563, 2.3689,
1.7646

■ 0.7196, 0.8098,
0.4044

■ 87.4856, 93.2151,
91.2232

■ 87.4856, 93.2151,
91.2232

■ 83.6522, 90.8757,
73.5194

■ 91.1968, 95.5188,
108.2381

■ 80.3027, 88.7340,
58.3532

■ 91.7114, 96.5481,
108.4097

■ 77.4173, 86.7850,
45.6091

■ 92.2306, 97.5864,
108.5827

■ 74.9719, 85.0192,
35.1602

■ 92.7542, 98.6337,
108.7573

72.9403, 83.4261,
26.8683

92.8774, 98.8800,
108.7983

71.2934, 81.9938,
20.5803

69.9982, 80.7093,
16.1228

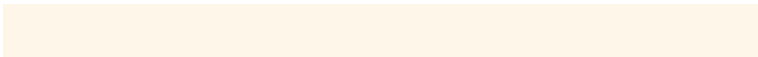
69.0163, 79.5572,
13.2932

68.2999, 78.5183,
11.8401

Harmonies

Analogous

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



89.4911, 93.2151, 91.0609



87.4856, 93.2151, 91.2232



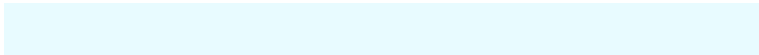
85.8030, 93.2151, 94.0699

Triad

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



87.4856, 93.2151, 91.2232



85.9660, 93.2151, 109.8031



92.4280, 93.2151, 104.0656

Complementary

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



87.4856, 93.2151, 91.2232



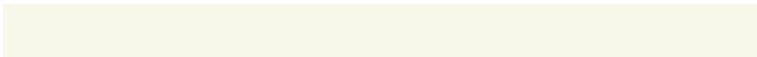
80.7388, 83.7472, 101.5330

Split Complementary

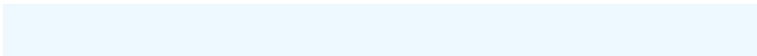
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4534, 93.2151, 109.3017



87.4856, 93.2151, 91.2232



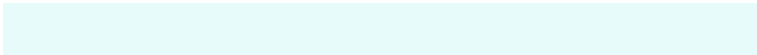
87.7112, 93.2151, 112.6981

Square

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



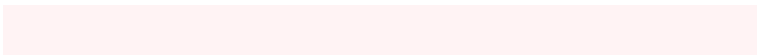
87.4856, 93.2151, 91.2232



84.9348, 93.2151, 104.7288



89.7201, 93.2151, 112.5112



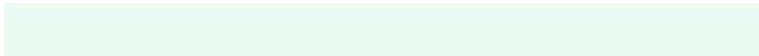
92.3654, 93.2151, 98.3292

Rectangle

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



87.4856, 93.2151, 91.2232



85.0817, 93.2151, 97.1704



89.7201, 93.2151, 112.5112



92.2102, 93.2151, 105.9468

Sweetspot

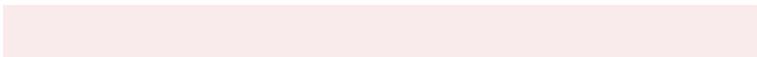
The Sweet Spot groups the original color and five complimentary colors.



87.4882, 93.2192, 91.2252



94.1318, 99.4602, 104.5967



83.4863, 84.9849, 90.6021



20.1577, 21.2942, 22.4331



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.



87.4882, 93.2192, 91.2252



91.9314, 98.1500, 94.3353



85.5179, 92.6588, 91.2209



18.7857, 20.0803, 19.0915



36.4729, 41.9024, 6.1656



3.4069, 3.9386, 0.5807

Inverse Universe

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



80.7388, 83.7472, 101.5330



83.6971, 86.5942, 106.9108



82.6281, 84.2994, 101.5400



16.9640, 17.5238, 21.8736



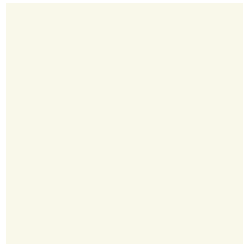
9.2906, 3.9368, 48.2438



0.8918, 0.4272, 4.4786

Previews

White Background



This preview shows how the XYZ color 87.4856, 93.2151, 91.2232 looks on a white background.

Color Contrast Check

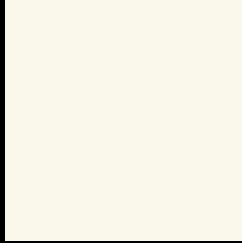
Large Text (above 18pt) WCAG AA × Fail

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 87.4856, 93.2151, 91.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

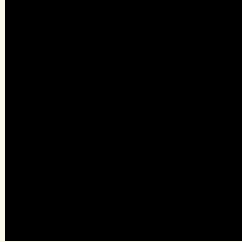
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.4856, 93.2151, 91.2232

Background



This preview shows how black text looks on a background with the XYZ color 87.4856, 93.2151, 91.2232.

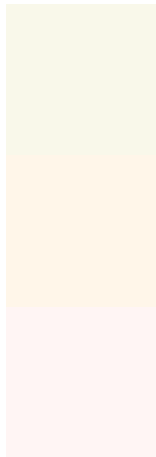


This preview shows how white text looks on a background with the XYZ color 87.4856, 93.2151,

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

87.4856, 93.2151, 91.2232

Protanopia

88.9037, 93.0547, 90.3664

Deuteranopia

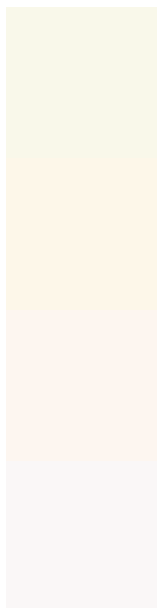
90.2215, 93.0965, 98.8022



Tritanopia

90.4301, 93.4555, 107.8803

Trichromacy



Original Color

87.4856, 93.2151, 91.2232

Protanomaly

88.4768, 93.2874, 90.4338

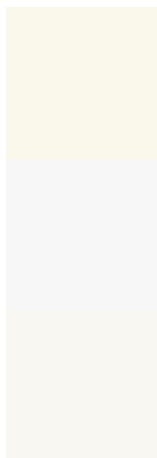
Deuteranomaly

89.1920, 93.0855, 95.7044

Tritanomaly

89.4736, 93.5609, 101.3390

Monochromacy



Original Color

87.4856, 93.2151, 91.2232

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.9992, 92.8888, 97.2957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4856, 93.2151, 91.2232 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(249, 248, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 234)  
}
```

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(249, 248, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 234) }
```

Border

The CSS property to change the border of an element to XYZ 87.4856, 93.2151, 91.2232 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(249, 248, 234) }
```


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

```
.border{ border-color:rgb(249, 248, 234) }
```

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

Here you see how a box with a 4 pixel rgb(249, 248, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4856, 93.2151, 91.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 234) }
```

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

```
.background{ background-color: rgb(249,  
248, 234) }
```

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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