

Converting Colors

XYZ(87.8907, 91.1904, 93.0899)

Have a look what the booklet for
XYZ(87.8907, 91.1904, 93.0899)
contains.

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Color

**XYZ(87.8447, 91.0983,
93.0746)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF3ED
RGB	253, 243, 237
RGB Percent	99%, 95%, 93%
CMY	0.0078, 0.0470, 0.0706
CMYK	0.00, 0.04, 0.06, 0.01
HSL	23°, 80%, 96%
HSV	23°, 6%, 99%
XYZ	87.8447, 91.0983, 93.0746
YIQ	245.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

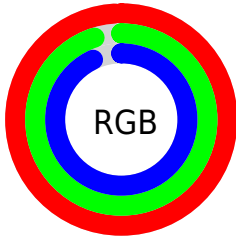
Format	Color
R_{YB}	253, 247, 237
Decimal	16643053
CIE Lab	96.45, 2.34, 4.07
CIE LCh	96, 4.693, 60.133
Yxy	91.0983, 0.3229, 0.3349
Android (android.graphics.Color)	4294833133 (0xFFFD3ED)
YUV	245.3060, -4.0949, 6.7476
Hunter-Lab	95.4454, -2.7442, 8.9945

Details

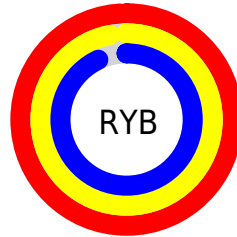
The XYZ color **87.8447, 91.0983, 93.0746** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.9153, 91.6164, 106.0851**, and the grayscale version is **87.0671, 91.6013, 99.7539**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8758, 50.6126, 50.9092** is the 20% darker color. If you saturate the color by 10%, you get **79.8786, 80.6693, 73.4509**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

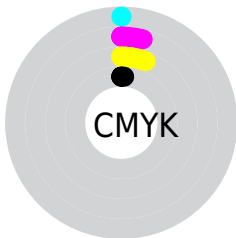
Distribution



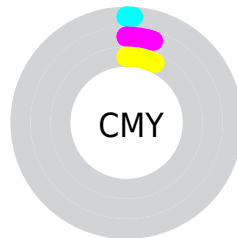
- Red (99%)
- Green (95%)
- Blue (93%)



- Red (99%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.8447, 91.0983, 93.0746 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 87.8447, 91.0983, 93.0746 by changing the saturation by 10% instead.

 87.8447, 91.0983,
93.0746

 87.8447, 91.0983,
93.0746


509.3375,
531.5971, 558.8086

 66.5248, 68.8919,
69.9455


143.2346,
148.8630, 153.5745

 48.9678, 50.6237,
51.0056

178.0353,
185.1902, 191.7824

 34.8084, 35.9092,
35.8363


218.0603,
226.9931, 235.8536

 23.6811, 24.3641,
24.0191

263.6750,
274.6561, 286.2067

 15.2207, 15.6039,
15.1355

315.2447,
328.5636, 343.2602

 9.0618, 9.2443,
8.7668

373.1348,

 4.8389, 4.9009,

389.1000, 407.4326

4.4947

437.7106,
456.6497, 479.1426

■ 2.1868, 2.1892,
1.9005

■ 0.7358, 0.7141,
0.4930

■ 87.8447, 91.0983,
93.0746

■ 87.8447, 91.0983,
93.0746

■ 79.8786, 80.6693,
73.4509

94.3185, 99.6229,
108.8658

■ 72.8068, 71.2303,
56.5900

■ 66.5980, 62.7547,
42.3679

■ 61.2161, 55.2103,
30.6488

■ 56.6220, 48.5630,
21.2846

■ 52.7733, 42.7763,
14.1114

■ 49.6228, 37.8106,
8.9440

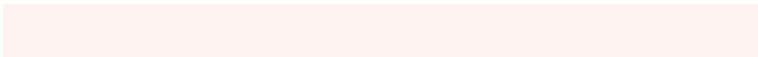
■ 47.1164, 33.6228,
5.5657

■ 45.1896, 30.1636,
3.7075

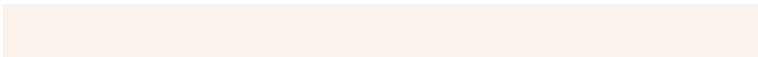
Harmonies

Analogous

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



88.7796, 91.0983, 95.6185



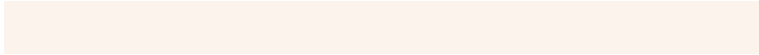
87.8447, 91.0983, 93.0746



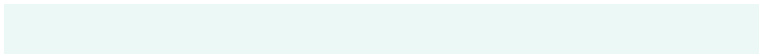
86.5804, 91.0983, 92.1607

Triad

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



87.8447, 91.0983, 93.0746



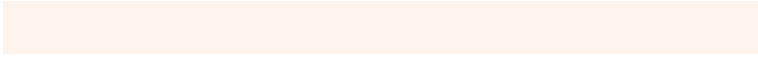
84.0955, 91.0983, 99.2073



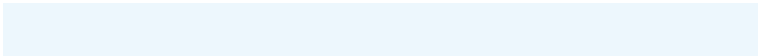
87.8549, 91.0983, 105.5513

Complementary

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



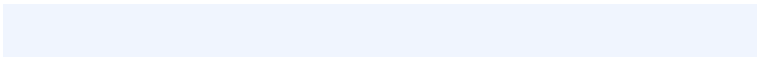
87.8447, 91.0983, 93.0746



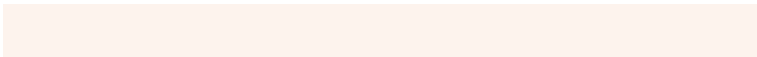
85.9153, 91.6164, 106.0851

Split Complementary

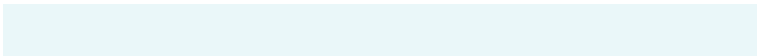
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5920, 91.0983, 106.5691



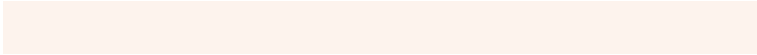
87.8447, 91.0983, 93.0746



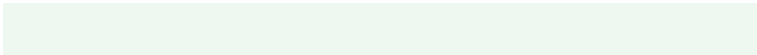
84.4292, 91.0983, 102.8505

Square

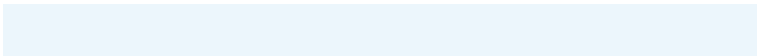
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



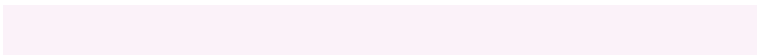
87.8447, 91.0983, 93.0746



84.4235, 91.0983, 95.6467



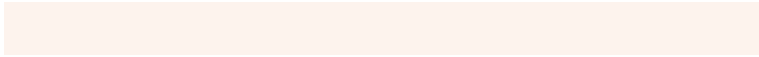
85.3398, 91.0983, 105.5687



88.7855, 91.0983, 102.8209

Rectangle

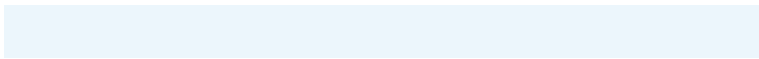
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.8447, 91.0983, 93.0746



85.7234, 91.0983, 92.5804



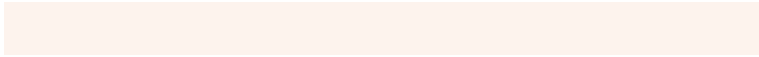
85.3398, 91.0983, 105.5687



87.4548, 91.0983, 106.1081

Sweetspot

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



87.8472, 91.1023, 93.0766



93.2316, 97.6599, 104.2967



87.6025, 88.1760, 100.5073



19.9745, 20.9278, 22.3720



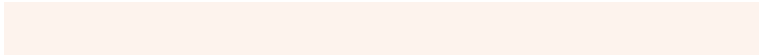
0.0000, 0.0000, 0.0000



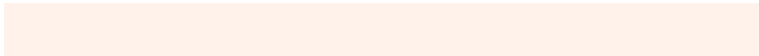
20.3446, 21.4041, 23.3091

Same Dimension

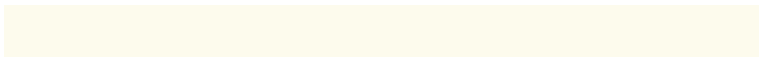
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8472, 91.1023, 93.0766



88.0060, 90.8917, 91.2000



90.2508, 95.9094, 93.8777



18.5679, 19.1039, 18.8531



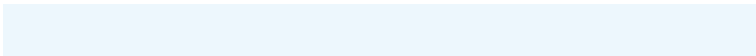
23.8515, 15.7142, 1.7760



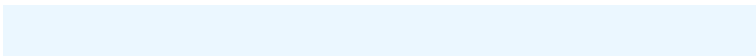
2.4232, 1.7318, 0.2065

Inverse Universe

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



85.9153, 91.6164, 106.0851



85.5452, 91.5464, 107.7693



83.5615, 86.9089, 105.3005



17.9485, 19.2686, 23.0232



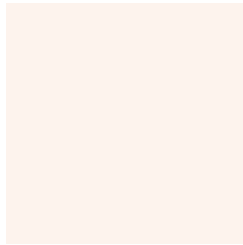
16.0853, 17.0801, 51.8836



1.6712, 1.8732, 5.0867

Previews

White Background



This preview shows how the XYZ color 87.8447, 91.0983, 93.0746 looks on a white background.

Color Contrast Check

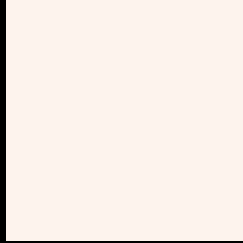
Large Text (above 18pt) WCAG AA × Fail

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 87.8447, 91.0983, 93.0746 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 87.8447, 91.0983, 93.0746

Background



This preview shows how black text looks on a background with the XYZ color 87.8447, 91.0983, 93.0746.



This preview shows how white text looks on a background with the XYZ color 87.8447, 91.0983,

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

87.8447, 91.0983, 93.0746

Protanopia

87.4204, 91.3250, 93.1407

Deuteranopia

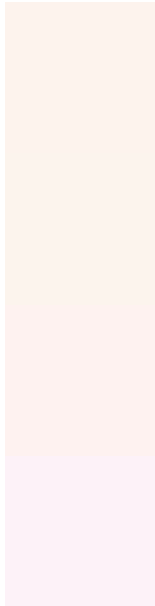
89.0191, 91.1751, 96.9111



Tritanopia

90.0133, 91.0132, 107.4308

Trichromacy



Original Color

87.8447, 91.0983, 93.0746

Protanomaly

87.7816, 91.5112, 93.1576

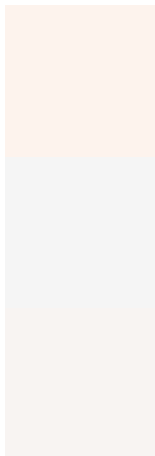
Deuteranomaly

88.3534, 90.8664, 95.3203

Tritanomaly

89.2034, 91.1642, 101.7019

Monochromacy



Original Color

87.8447, 91.0983, 93.0746

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.0891, 91.0686, 96.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8447, 91.0983, 93.0746 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(253, 243, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 237)  
}
```

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(253, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 237) }
```

Border

The CSS property to change the border of an element to XYZ 87.8447, 91.0983, 93.0746 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(253, 243, 237) }
```


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

```
.border{ border-color:rgb(253, 243, 237) }
```

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

Here you see how a box with a 4 pixel rgb(253, 243, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 243,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8447, 91.0983, 93.0746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 237) }
```

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

```
.background{ background-color: rgb(253,  
243, 237) }
```

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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