

Converting Colors

XYZ(87.9482, 91.4047, 92.8151)

Have a look what the booklet for
XYZ(87.9482, 91.4047, 92.8151)
contains.

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Color

**XYZ(88.1448, 91.6984,
93.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF4ED
RGB	253, 244, 237
RGB Percent	99%, 96%, 93%
CMY	0.0078, 0.0431, 0.0706
CMYK	0.00, 0.04, 0.06, 0.01
HSL	26°, 80%, 96%
HSV	26°, 6%, 99%
XYZ	88.1448, 91.6984, 93.1746
YIQ	245.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

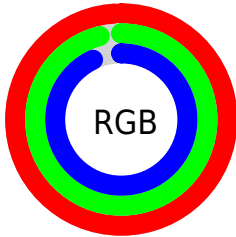
Format	Color
RYB	253, 249, 237
Decimal	16643309
CIELab	96.70, 1.83, 4.43
CIELCh	97, 4.789, 67.549
Yxy	91.6984, 0.3229, 0.3359
Android (android.graphics.Color)	4294833389 (0xFFFD4ED)
YUV	245.8930, -4.3842, 6.2328
Hunter-Lab	95.7593, -3.2725, 9.3418

Details

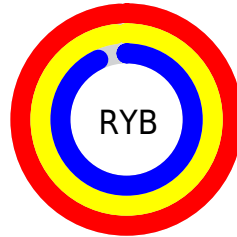
The XYZ color **88.1448, 91.6984, 93.1746** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6105, 91.0067, 105.9837**, and the grayscale version is **87.5431, 92.1022, 100.2993**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0887, 51.0384, 50.9802** is the 20% darker color. If you saturate the color by 10%, you get **80.5906, 82.0934, 73.6882**, and if you desaturate by 10%, it is **94.3186, 99.6229, 108.8658**.

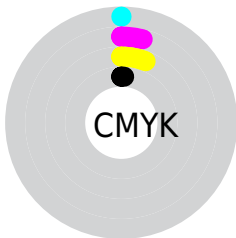
Distribution



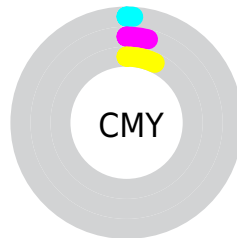
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (99%)
- Yellow (98%)
- Blue (93%)



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



- Cyan (1%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1448, 91.6984, 93.1746 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 88.1448, 91.6984, 93.1746 by changing the saturation by 10% instead.

88.1448, 91.6984,
93.1746

88.1448, 91.6984,
93.1746

510.3056,
533.5403, 559.1389

66.7742, 69.3902,
70.0282

143.6502,
149.6953, 153.7141

49.1712, 51.0295,
51.0725

178.5158,
186.1528, 191.9443

34.9704, 36.2321,
35.8892

218.6103,
228.0954, 236.0394

23.8065, 24.6135,
24.0596

264.2992,
275.9076, 286.4181

15.3141, 15.7893,
15.1653

315.9478,
329.9739, 343.4988

9.1279, 9.3752,
8.7875

373.9215,

4.8824, 4.9867,

390.6784, 407.7002

4.5079

438.5857,
458.4058, 479.4407

■ 2.2125, 2.2395,
1.9079

■ 0.7493, 0.7414,
0.4978

■ 88.1448, 91.6984,
93.1746

■ 88.1448, 91.6984,
93.1746

■ 80.5906, 82.0934,
73.6882

94.3186, 99.6229,
108.8658

■ 73.8567, 73.3301,
56.9399

■ 67.9147, 65.3881,
42.8067

■ 62.7315, 58.2412,
31.1539

■ 58.2716, 51.8620,
21.8344

■ 54.4957, 46.2210,
14.6855

■ 51.3607, 41.2863,
9.5233

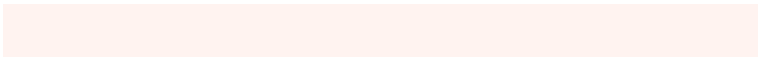
■ 48.8165, 37.0229,
6.1324

■ 46.8032, 33.3906,
4.2453

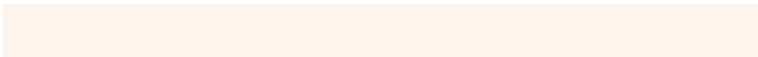
Harmonies

Analogous

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



89.2165, 91.6984, 95.4116



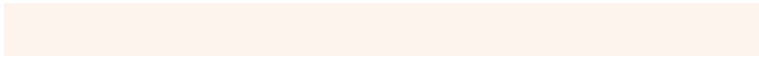
88.1448, 91.6984, 93.1746



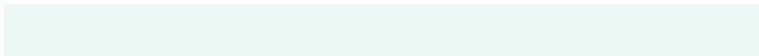
86.8183, 91.6984, 92.7021

Triad

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



88.1448, 91.6984, 93.1746



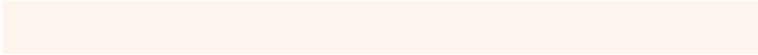
84.6258, 91.6984, 100.8171



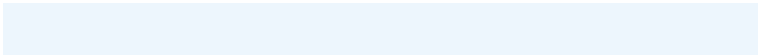
88.7372, 91.6984, 105.8127

Complementary

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



88.1448, 91.6984, 93.1746



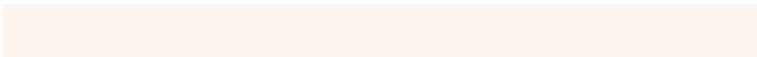
85.6105, 91.0067, 105.9837

Split Complementary

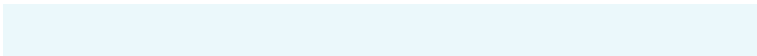
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4957, 91.6984, 107.3435



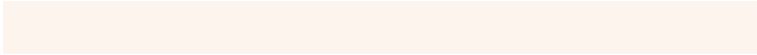
88.1448, 91.6984, 93.1746



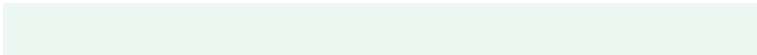
85.1286, 91.6984, 104.4116

Square

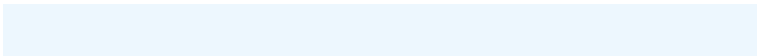
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1448, 91.6984, 93.1746



84.7956, 91.6984, 97.0509



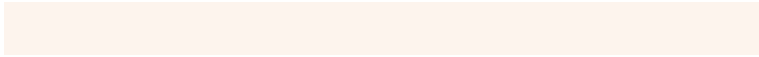
86.1758, 91.6984, 106.8242



89.5610, 91.6984, 102.6902

Rectangle

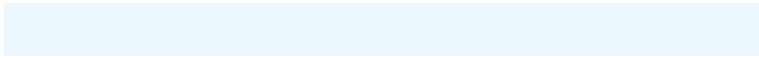
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1448, 91.6984, 93.1746



85.9696, 91.6984, 93.4399



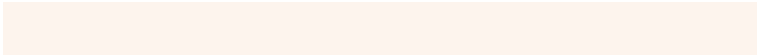
86.1758, 91.6984, 106.8242



88.3544, 91.6984, 106.5341

Sweetspot

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



88.1474, 91.7024, 93.1766



93.3317, 97.8600, 104.3300



87.4383, 88.1103, 99.6422



19.9949, 20.9686, 22.3788



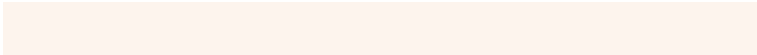
0.0000, 0.0000, 0.0000



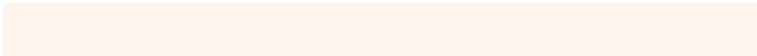
20.3446, 21.4041, 23.3091

Same Dimension

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



88.1474, 91.7024, 93.1766



88.3872, 91.6542, 91.3271



90.5848, 96.5774, 93.9891



18.6636, 19.2954, 18.8850



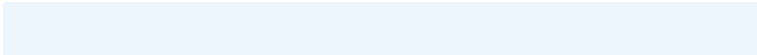
24.6977, 17.4065, 2.0581



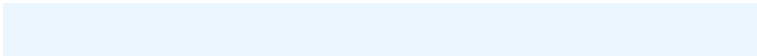
2.5112, 1.9078, 0.2359

Inverse Universe

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



85.6105, 91.0067, 105.9837



85.1559, 90.7680, 107.6395



83.2500, 86.2857, 105.1968



17.8504, 19.0723, 22.9905



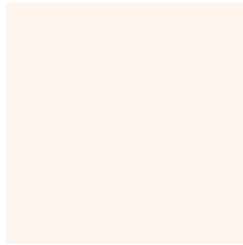
14.7443, 14.3982, 51.4366



1.5444, 1.6196, 5.0445

Previews

White Background



This preview shows how the XYZ color 88.1448, 91.6984, 93.1746 looks on a white background.

Color Contrast Check

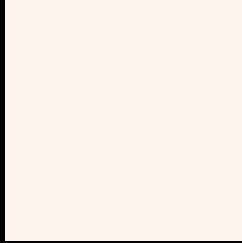
Large Text (above 18pt) WCAG AA × Fail

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 88.1448, 91.6984, 93.1746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

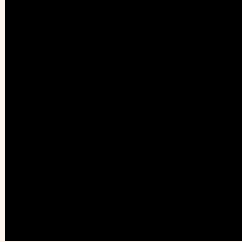
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1448, 91.6984, 93.1746

Background



This preview shows how black text looks on a background with the XYZ color 88.1448, 91.6984, 93.1746.



This preview shows how white text looks on a background with the XYZ color 88.1448, 91.6984,

93.146.

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

88.1448, 91.6984, 93.1746

Protanopia

87.7816, 91.5112, 93.1576

Deuteranopia

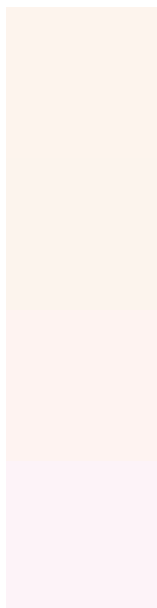
89.4683, 91.8322, 97.8039



Tritanopia

90.3101, 91.6069, 107.5298

Trichromacy



Original Color

88.1448, 91.6984, 93.1746

Protanomaly

87.7816, 91.5112, 93.1576

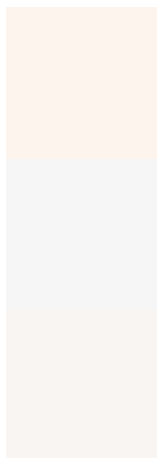
Deuteranomaly

88.8008, 91.5229, 96.2045

Tritanomaly

89.5019, 91.7611, 101.8014

Monochromacy



Original Color

88.1448, 91.6984, 93.1746

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.8970, 91.9156, 97.9028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1448, 91.6984, 93.1746 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, 244, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 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, 244, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.1448, 91.6984, 93.1746 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, 244, 237) }
```


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

```
.border{ border-color:rgb(253, 244, 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, 244, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1448, 91.6984, 93.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 237) }
```

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

```
.background{ background-color: rgb(253,  
244, 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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