

Converting Colors

XYZ(87.2675, 90.7300, 91.3511)

Have a look what the booklet for
XYZ(87.2675, 90.7300, 91.3511)
contains.

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Color

**XYZ(87.1909, 90.7948,
91.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF3EB
RGB	252, 243, 235
RGB Percent	99%, 95%, 92%
CMY	0.0118, 0.0470, 0.0784
CMYK	0.00, 0.04, 0.07, 0.01
HSL	28°, 74%, 95%
HSV	28°, 7%, 99%
XYZ	87.1909, 90.7948, 91.5270
YIQ	244.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

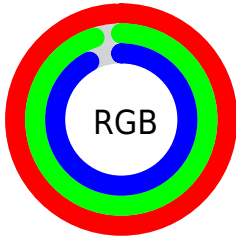
Format	Color
R _Y B	252, 250, 235
Decimal	16577515
CIE Lab	96.33, 1.66, 4.91
CIE LCh	96, 5.186, 71.279
Yxy	90.7948, 0.3235, 0.3369
Android (android.graphics.Color)	4294767595 (0xFFFCF3EB)
YUV	244.7790, -4.8210, 6.3328
Hunter-Lab	95.2863, -3.4162, 9.7496

Details

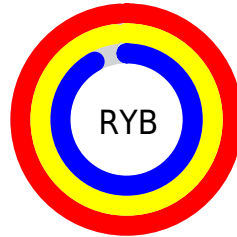
The XYZ color **87.1909, 90.7948, 91.5270** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.1823, 89.3905, 104.9138**, and the grayscale version is **86.6487, 91.1612, 99.2745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4127, 50.3974, 49.8239** is the 20% darker color. If you saturate the color by 10%, you get **79.9590, 81.7499, 72.4083**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

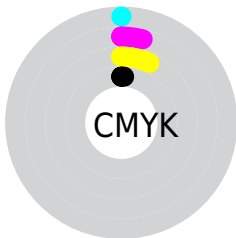
Distribution



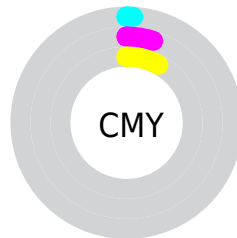
- Red (99%)
- Green (95%)
- Blue (92%)



- Red (99%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.1909, 90.7948, 91.5270 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 87.1909, 90.7948, 91.5270 by changing the saturation by 10% instead.


 87.1909, 90.7948,
91.5270

 87.1909, 90.7948,
91.5270


507.2251,
530.6129, 553.6835

 65.9818, 68.6400,
68.6670


142.3285,
148.4419, 151.4117

 48.5252, 50.4186,
49.9705


176.9876,
184.7031, 189.2734

 34.4560, 35.7461,
35.0189


216.8609,
226.4351, 232.9728

 23.4087, 24.2382,
23.3938

262.3135,
274.0225, 282.9284

 15.0179, 15.5104,
14.6765

313.7108,
327.8495, 339.5587

 8.9184, 9.1784,
8.4486

371.4183,

 4.7447, 4.8577,

388.3007, 403.2823

4.2914

435.8013,
455.7604, 474.5177

■ 2.1314, 2.1640,
1.7866

■ 0.7062, 0.7003,
0.4191

■ 87.1909, 90.7948,
91.5270

■ 87.1909, 90.7948,
91.5270

■ 79.9590, 81.7499,
72.4083

93.9554, 99.4357,
108.8488

■ 73.5025, 73.4661,
55.9851

■ 67.7947, 65.9257,
42.1356

■ 62.8040, 59.1056,
30.7263

■ 58.4964, 52.9812,
21.6116

■ 54.8347, 47.5264,
14.6301

■ 51.7772, 42.7128,
9.5990

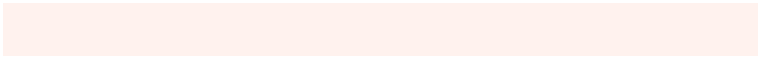
■ 49.2761, 38.5089,
6.3043

■ 47.2725, 34.8782,
4.4761

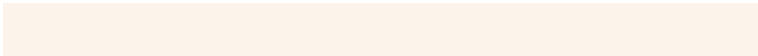
Harmonies

Analogous

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



88.3987, 90.7948, 93.7122



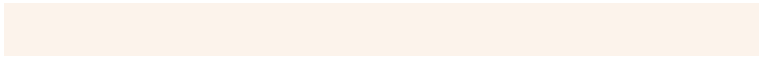
87.1909, 90.7948, 91.5270



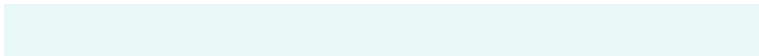
85.7564, 90.7948, 91.2738

Triad

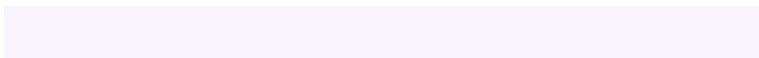
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1909, 90.7948, 91.5270



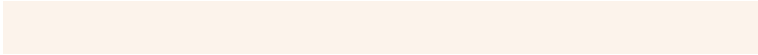
83.6065, 90.7948, 100.4217



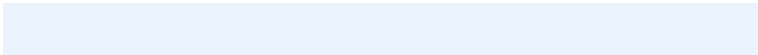
88.1403, 90.7948, 104.9498

Complementary

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



87.1909, 90.7948, 91.5270



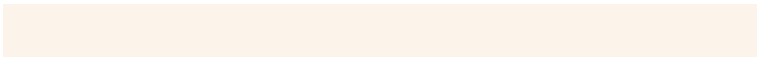
84.1823, 89.3905, 104.9138

Split Complementary

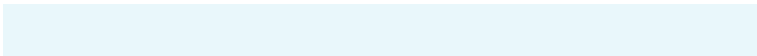
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8413, 90.7948, 106.8555



87.1909, 90.7948, 91.5270



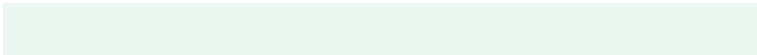
84.2303, 90.7948, 104.1931

Square

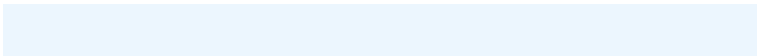
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.1909, 90.7948, 91.5270



83.6977, 90.7948, 96.3328



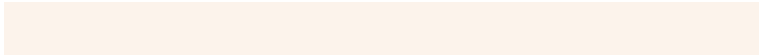
85.4107, 90.7948, 106.5748



88.9510, 90.7948, 101.4313

Rectangle

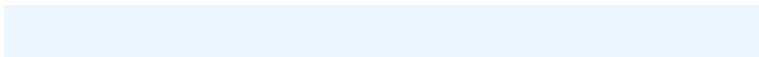
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.1909, 90.7948, 91.5270



84.8658, 90.7948, 92.2263



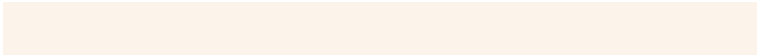
85.4107, 90.7948, 106.5748



87.7457, 90.7948, 105.8047

Sweetspot

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



87.1934, 90.7988, 91.5290



93.3848, 97.9661, 104.3477



86.1937, 86.6492, 97.8243



20.0057, 20.9902, 22.3824



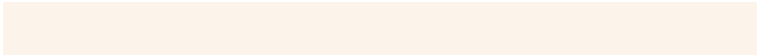
0.0000, 0.0000, 0.0000



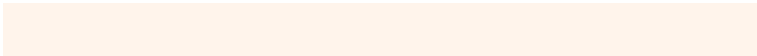
20.3446, 21.4041, 23.3091

Same Dimension

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



87.1934, 90.7988, 91.5290



88.5902, 92.0601, 91.3948



89.7742, 95.9602, 92.3892



17.9185, 18.5729, 18.1029



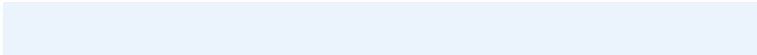
24.4718, 17.9002, 2.1653



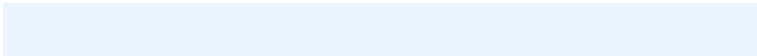
2.3717, 1.8682, 0.2356

Inverse Universe

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



84.1823, 89.3905, 104.9138



84.9510, 90.3580, 107.5712



81.7038, 84.4335, 104.0876



17.0434, 18.1636, 21.9929



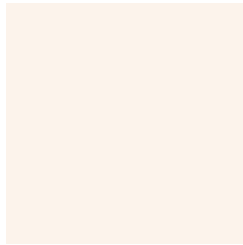
13.6956, 12.7468, 49.7121



1.3746, 1.3929, 4.6396

Previews

White Background



This preview shows how the XYZ color 87.1909, 90.7948, 91.5270 looks on a white background.

Color Contrast Check

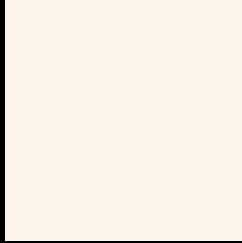
Large Text (above 18pt) WCAG AA × Fail

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 87.1909, 90.7948, 91.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

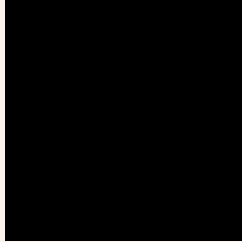
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

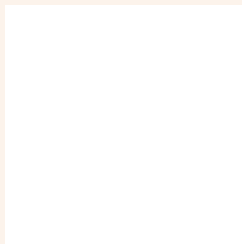
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.1909, 90.7948, 91.5270

Background



This preview shows how black text looks on a background with the XYZ color 87.1909, 90.7948, 91.5270.



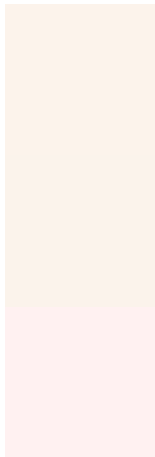
This preview shows how white text looks on a background with the XYZ color 87.1909, 90.7948,

91.570.

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

87.1909, 90.7948, 91.5270

Protanopia

86.8296, 90.6086, 91.5101

Deuteranopia

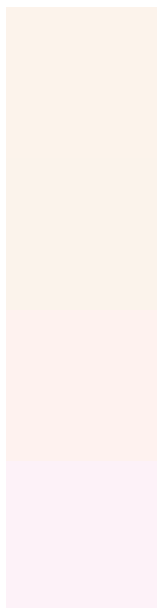
88.5725, 90.5215, 96.0232



Tritanopia

90.0133, 91.0132, 107.4308

Trichromacy



Original Color

87.1909, 90.7948, 91.5270

Protanomaly

86.8296, 90.6086, 91.5101

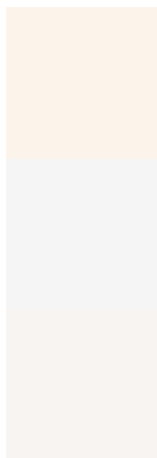
Deuteranomaly

88.2052, 90.8071, 94.5400

Tritanomaly

89.2034, 91.1642, 101.7019

Monochromacy



Original Color

87.1909, 90.7948, 91.5270

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.9393, 91.0087, 96.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.1909, 90.7948, 91.5270 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(252, 243, 235) looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 235)  
}
```

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(252, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 235) }
```

Border

The CSS property to change the border of an element to XYZ 87.1909, 90.7948, 91.5270 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(252, 243, 235) }
```


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

```
.border{ border-color:rgb(252, 243, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 235);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1909, 90.7948, 91.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 235) }
```

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

```
.background{ background-color: rgb(252,  
243, 235) }
```

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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