

Converting Colors

XYZ(87.4769, 94.5381,
100.7883)

Have a look what the booklet for
XYZ(87.4769, 94.5381, 100.7883)
contains.

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Color

**XYZ(87.4074, 94.3490,
100.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FBF6
RGB	241, 251, 246
RGB Percent	95%, 98%, 96%
CMY	0.0549, 0.0157, 0.0353
CMYK	0.04, 0.00, 0.02, 0.02
HSL	150°, 56%, 96%
HSV	150°, 4%, 98%
XYZ	87.4074, 94.3490, 100.7931
YIQ	247.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

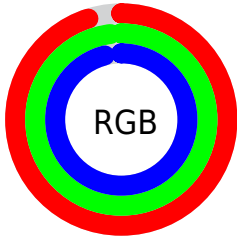
Format	Color
R_{YB}	241, 248, 251
Decimal	15858678
CIE _{Lab}	97.77, -4.17, 1.24
CIE _{LCh}	98, 4.351, 163.433
Yxy	94.3490, 0.3094, 0.3339
Android (android.graphics.Color)	4294048758 (0xFFFF1FBF6)
YUV	247.4400, -0.7099, -5.6479
Hunter-Lab	97.1334, -9.3568, 6.4695

Details

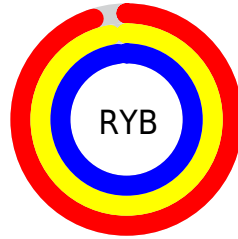
The XYZ color **87.4074, 94.3490, 100.7931** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.8770, 90.0761, 99.9483**, and the grayscale version is **88.7767, 93.4000, 101.7126**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8170, 53.0622, 56.3843** is the 20% darker color. If you saturate the color by 10%, you get **77.5606, 89.4906, 90.6111**, and if you desaturate by 10%, it is **93.7890, 97.4780, 108.4797**.

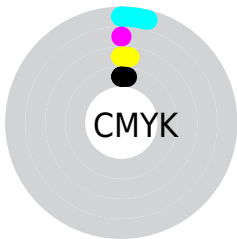
Distribution



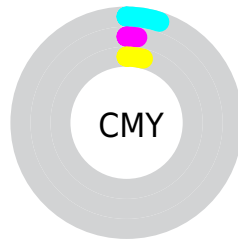
- Red (95%)
- Green (98%)
- Blue (96%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)





- Cyan (5%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.4074, 94.3490, 100.7931 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 87.4074, 94.3490, 100.7931 by changing the saturation by 10% instead.


 87.4074, 94.3490,
100.7931

 87.4074, 94.3490,
100.7931


507.9251,
542.0788, 584.0008

 66.1616, 71.5933,
76.3425


142.6286,
153.3649, 164.3080

 48.6718, 52.8265,
56.2050


177.3347,
190.3939, 204.2094

 34.5726, 37.6643,
39.9622


217.2582,
232.9494, 250.0982

 23.4988, 25.7222,
27.1955

262.7645,
281.4158, 302.3928

 15.0850, 16.6160,
17.4864

314.2191,
336.1776, 361.5118

 8.9658, 9.9611,
10.4163

371.9871,

 4.7758, 5.3731,

397.6191, 427.8738

5.5666

436.4340,
466.1247, 501.8973

■ 2.1497, 2.4678,
2.5189

■ 0.7160, 0.8605,
0.8502

■ 87.4074, 94.3490,
100.7931

■ 87.4074, 94.3490,
100.7931

■ 77.5606, 89.4906,
90.6111

■ 93.7890, 97.4780,
108.4797

■ 68.9714, 85.2632,
81.1528

■ 61.5886, 81.6432,
72.4039

■ 55.3543, 78.6012,
64.3476

■ 50.2057, 76.1050,
56.9662

■ 46.0735, 74.1194,
50.2413

■ 42.8801, 72.6046,
44.1534

■ 40.5358, 71.5147,
38.6818

■ 38.9315, 70.7939,
33.8043

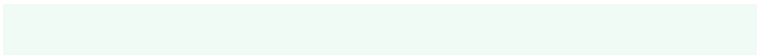
Harmonies

Analogous

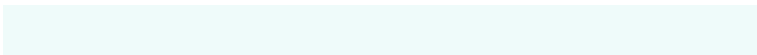
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0448, 94.3490, 97.8453



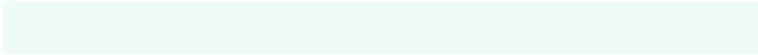
87.4074, 94.3490, 100.7931



87.3742, 94.3490, 104.3263

Triad

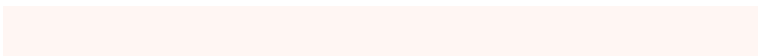
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4074, 94.3490, 100.7931



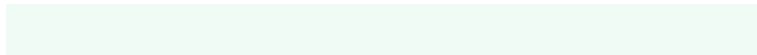
90.2316, 94.3490, 109.5236



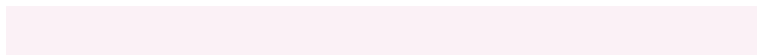
91.4205, 94.3490, 98.1014

Complementary

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



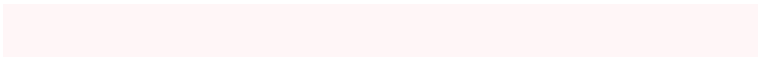
87.4074, 94.3490, 100.7931



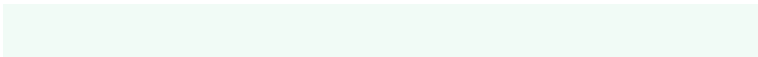
87.8770, 90.0761, 99.9483

Split Complementary

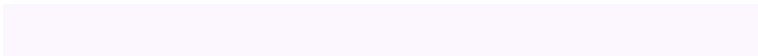
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0177, 94.3490, 101.1501



87.4074, 94.3490, 100.7931



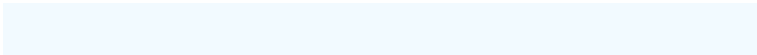
91.3270, 94.3490, 107.7747

Square

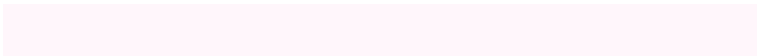
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



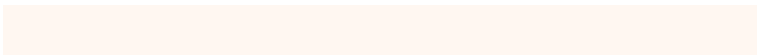
87.4074, 94.3490, 100.7931



88.9970, 94.3490, 109.4227



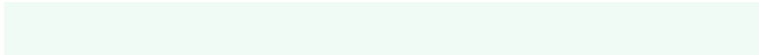
91.9833, 94.3490, 104.6916



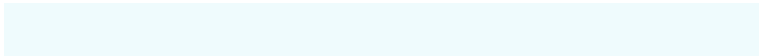
90.3582, 94.3490, 96.3160

Rectangle

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



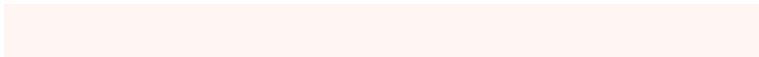
87.4074, 94.3490, 100.7931



87.6986, 94.3490, 106.5427



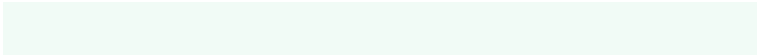
91.9833, 94.3490, 104.6916



91.6827, 94.3490, 99.0094

Sweetspot

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



87.4101, 94.3530, 100.7952



93.9133, 99.4377, 107.7784



88.4423, 94.9727, 96.8906



20.1133, 21.2897, 23.0809



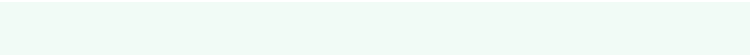
0.0000, 0.0000, 0.0000



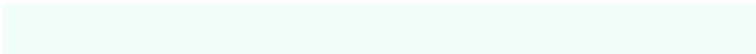
20.3446, 21.4041, 23.3091

Same Dimension

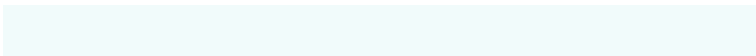
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4101, 94.3530, 100.7952



89.5039, 97.2575, 103.3693



88.1625, 94.6540, 104.7573



18.1879, 19.8533, 21.0270



20.1675, 37.0800, 16.7574



1.9214, 3.4556, 1.8338

Inverse Universe

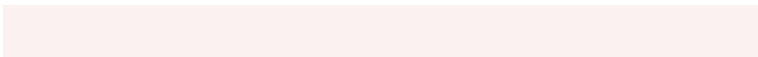
The Inverse Universe completely reimagines the original color for something new.



87.8770, 90.0761, 99.9483



90.1074, 91.7295, 102.2747



87.1440, 89.7829, 96.0880



18.3280, 18.5701, 20.7729



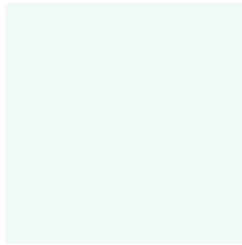
22.9498, 11.5956, 11.7098



2.1790, 1.0954, 1.3663

Previews

White Background



This preview shows how the XYZ color 87.4074, 94.3490, 100.7931 looks on a white background.

Color Contrast Check

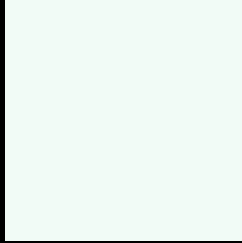
Large Text (above 18pt) WCAG AA × Fail

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 87.4074, 94.3490, 100.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

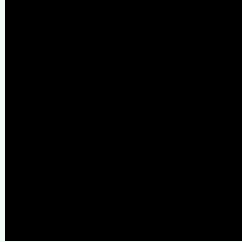
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

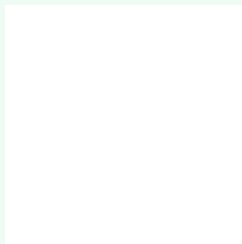
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4074, 94.3490, 100.7931

Background



This preview shows how black text looks on a background with the XYZ color 87.4074, 94.3490, 100.7931.



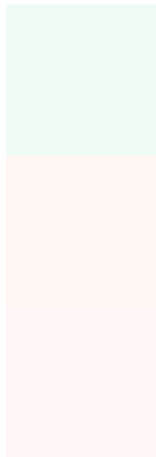
This preview shows how white text looks on a background with the XYZ color 87.4074, 94.3490,

100.7931.

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

87.4074, 94.3490, 100.7931

Protanopia

90.4629, 94.1240, 98.9878

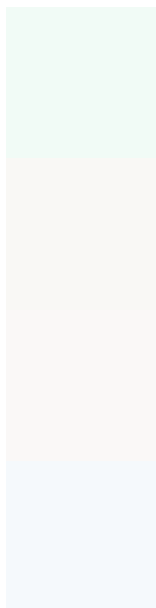
Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

87.4074, 94.3490, 100.7931

Protanomaly

89.1158, 93.8671, 99.8075

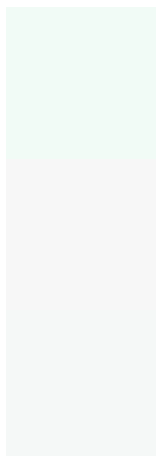
Deuteranomaly

89.7802, 94.1742, 101.4412

Tritanomaly

89.1026, 94.1921, 105.5801

Monochromacy



Original Color

87.4074, 94.3490, 100.7931

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.0121, 93.2627, 101.3585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4074, 94.3490, 100.7931 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(241, 251, 246) looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 246)  
}
```

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(241, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.4074, 94.3490, 100.7931 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(241, 251, 246) }
```


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

```
.border{ border-color:rgb(241, 251, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4074, 94.3490, 100.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 246) }
```

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

```
.background{ background-color: rgb(241,  
251, 246) }
```

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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