

Converting Colors

XYZ(87.2587, 93.3377,
101.1566)

Have a look what the booklet for
XYZ(87.2587, 93.3377, 101.1566)
contains.

XYZ(87.2821, 93.3440, 101.4126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.2821, 93.3440,
101.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F9F7
RGB	242, 249, 247
RGB Percent	95%, 98%, 97%
CMY	0.0510, 0.0235, 0.0314
CMYK	0.03, 0.00, 0.01, 0.02
HSL	163°, 37%, 96%
HSV	163°, 3%, 98%
XYZ	87.2821, 93.3440, 101.4126
YIQ	246.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

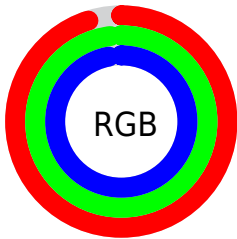
Format	Color
R _Y B	242, 246, 249
Decimal	15923703
CIE Lab	97.37, -2.66, 0.14
CIE LCh	97, 2.659, 176.914
Yxy	93.3440, 0.3095, 0.3310
Android (android.graphics.Color)	4294113783 (0xFFFF2F9F7)
YUV	246.6790, 0.1583, -4.1035
Hunter-Lab	96.6147, -7.8181, 5.3959

Details

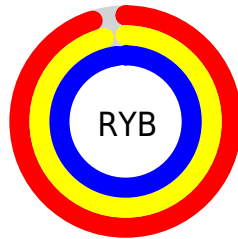
The XYZ color **87.2821, 93.3440, 101.4126** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.1516, 90.1780, 98.4052**, and the grayscale version is **88.1505, 92.7412, 100.9951**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7236, 52.3406, 56.8250** is the 20% darker color. If you saturate the color by 10%, you get **78.2327, 88.8061, 95.3603**, and if you desaturate by 10%, it is **93.0271, 96.1788, 107.5334**.

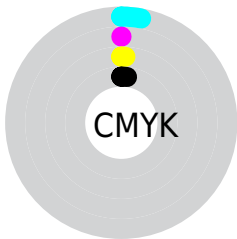
Distribution



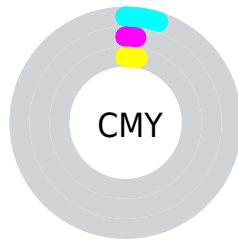
- Red (95%)
- Green (98%)
- Blue (97%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2821, 93.3440, 101.4126 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 87.2821, 93.3440, 101.4126 by changing the saturation by 10% instead.

87.2821, 93.3440,
101.4126

87.2821, 93.3440,
101.4126

507.5200,
538.8498, 585.9975

66.0575, 70.7575,
76.8573

142.4549,
151.9748, 165.1658

48.5870, 52.1443,
56.6249

177.1338,
188.7878, 205.2009

34.5051, 37.1201,
40.2968

217.0283,
231.1118, 251.2330

23.4466, 25.3005,
27.4545

262.5035,
279.3311, 303.6806

15.0462, 16.3011,
17.6794

313.9250,
333.8302, 362.9623

8.9383, 9.7375,
10.5530

371.6580,

4.7578, 5.2252,

394.9934, 429.4967

5.6568

436.0679,
463.2051, 503.7022

■ 2.1391, 2.3800,
2.5721

■ 0.7104, 0.8156,
0.8780

■ 87.2821, 93.3440,
101.4126

■ 87.2821, 93.3440,
101.4126

■ 78.2327, 88.8061,
95.3603

■ 93.0271, 96.1788,
107.5334

■ 70.3391, 84.8566,
89.5771

■ 93.1675, 96.2350,
108.2725

■ 63.5537, 81.4737,
84.0602

■ 57.8223, 78.6294,
78.8046

■ 53.0861, 76.2936,
73.8050

■ 49.2806, 74.4330,
69.0559

■ 46.3331, 73.0102,
64.5510

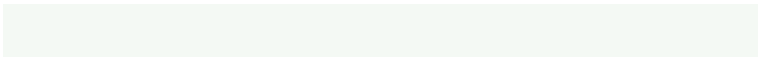
■ 44.1599, 71.9820,
60.2839

■ 42.6597, 71.2964,
56.2471

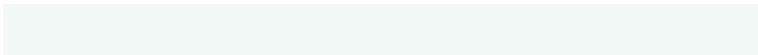
Harmonies

Analogous

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



87.5125, 93.3440, 99.3879



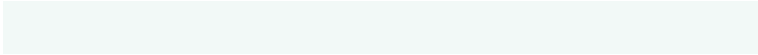
87.2821, 93.3440, 101.4126



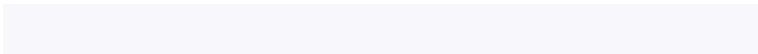
87.4353, 93.3440, 103.5252

Triad

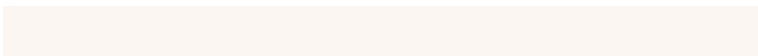
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2821, 93.3440, 101.4126



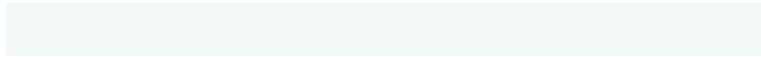
89.3780, 93.3440, 105.3799



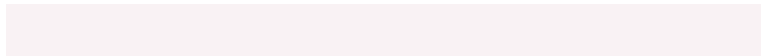
89.5138, 93.3440, 98.1994

Complementary

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



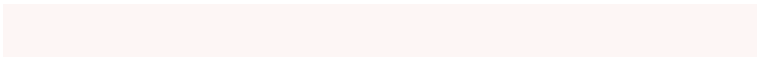
87.2821, 93.3440, 101.4126



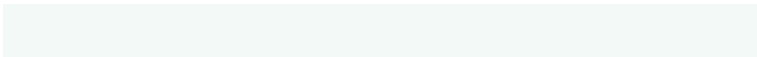
87.1516, 90.1780, 98.4052

Split Complementary

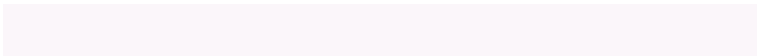
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0186, 93.3440, 99.7695



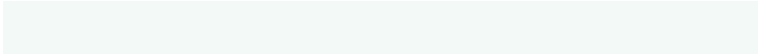
87.2821, 93.3440, 101.4126



89.9399, 93.3440, 103.9172

Square

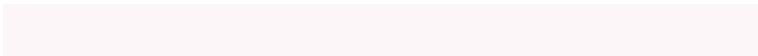
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2821, 93.3440, 101.4126



88.6427, 93.3440, 105.8347



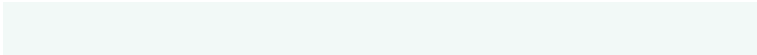
90.1750, 93.3440, 101.8592



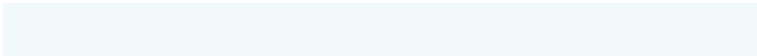
88.7987, 93.3440, 97.5493

Rectangle

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



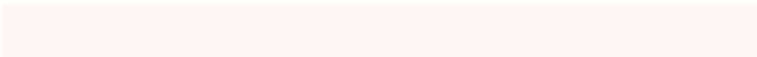
87.2821, 93.3440, 101.4126



87.7349, 93.3440, 104.6957



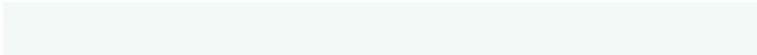
90.1750, 93.3440, 101.8592



89.7138, 93.3440, 98.6360

Sweetspot

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



87.2847, 93.3480, 101.4146



94.0008, 99.4727, 108.2389



87.2487, 93.4174, 97.4385



20.1311, 21.2968, 23.1746



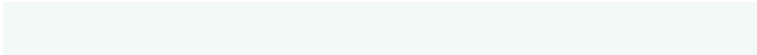
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.2847, 93.3480, 101.4146



91.9409, 98.4377, 106.9254



87.1644, 92.6096, 102.9087



18.6742, 20.0873, 21.8030



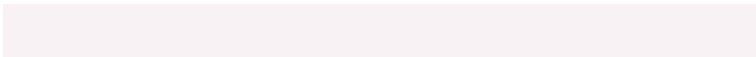
22.4858, 38.0073, 28.9650



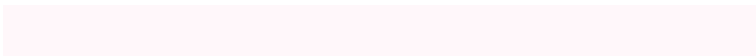
2.1282, 3.5384, 2.9231

Inverse Universe

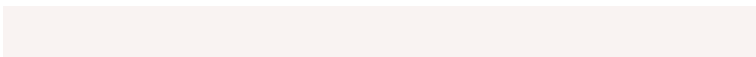
The Inverse Universe completely reimagines the original color for something new.



87.1516, 90.1780, 98.4052



91.7910, 94.8690, 103.5375



87.2674, 90.8940, 96.9505



18.6355, 19.1675, 20.9297



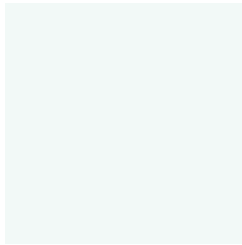
21.5776, 11.0468, 4.4840



2.0420, 1.0405, 0.6447

Previews

White Background



This preview shows how the XYZ color 87.2821, 93.3440, 101.4126 looks on a white background.

Color Contrast Check

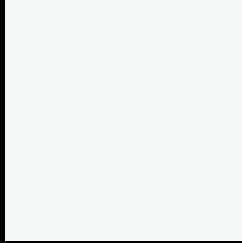
Large Text (above 18pt) WCAG AA × Fail

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 87.2821, 93.3440, 101.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

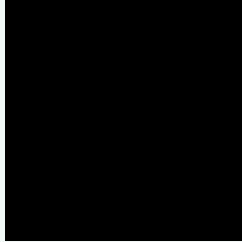
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

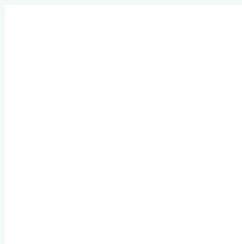
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2821, 93.3440, 101.4126

Background



This preview shows how black text looks on a background with the XYZ color 87.2821, 93.3440, 101.4126.



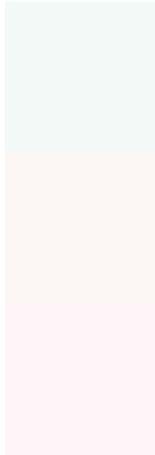
This preview shows how white text looks on a background with the XYZ color 87.2821, 93.3440,

101.4126.

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

87.2821, 93.3440, 101.4126

Protanopia

89.5821, 93.1996, 99.6540

Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

87.2821, 93.3440, 101.4126

Protanomaly

88.6067, 93.1318, 100.4949

Deuteranomaly

89.3234, 93.0128, 102.0524

Tritanomaly

88.7943, 93.5756, 105.4774

Monochromacy



Original Color

87.2821, 93.3440, 101.4126

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 87.2821, 93.3440, 101.4126 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(242, 249, 247) looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 247)  
}
```

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(242, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 247) }
```

Border

The CSS property to change the border of an element to XYZ 87.2821, 93.3440, 101.4126 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(242, 249, 247) }
```


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

```
.border{ border-color:rgb(242, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2821, 93.3440, 101.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 247) }
```

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

```
.background{ background-color: rgb(242,  
249, 247) }
```

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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