

Converting Colors

XYZ(88.3452, 94.9990,
102.9656)

Have a look what the booklet for
XYZ(88.3452, 94.9990, 102.9656)
contains.

XYZ(88.2140, 94.7112, 103.2542)	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(88.2140, 94.7112,
103.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	F2FBF9
RGB	242, 251, 249
RGB Percent	95%, 98%, 98%
CMY	0.0510, 0.0157, 0.0235
CMYK	0.04, 0.00, 0.01, 0.02
HSL	167°, 53%, 97%
HSV	167°, 4%, 98%
XYZ	88.2140, 94.7112, 103.2542
YIQ	248.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

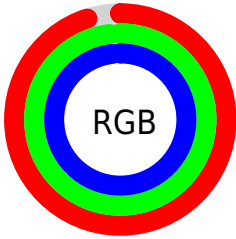
Format	Color
R_{YB}	242, 247, 251
Decimal	15924217
CIE _{Lab}	97.92, -3.31, -0.08
CIE _{LCh}	98, 3.307, 181.427
Yxy	94.7112, 0.3082, 0.3310
Android (android.graphics.Color)	4294114297 (0xFF2FBF9)
YUV	248.0810, 0.4531, -5.3330
Hunter-Lab	97.3197, -8.5107, 5.2183

Details

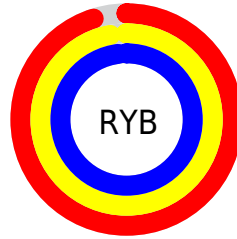
The XYZ color 88.2140, 94.7112, 103.2542 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.8684, 90.5476, 98.4389, and the grayscale version is 89.2909, 93.9409, 102.3017.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3904, 53.3196, 58.1406 is the 20% darker color. If you saturate the color by 10%, you get 79.3253, 90.2308, 98.3582, and if you desaturate by 10%, it is 93.7229, 97.4516, 108.1313.

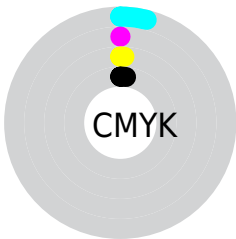
Distribution



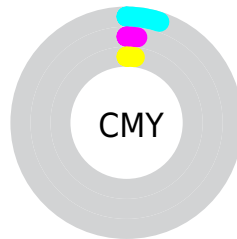
- Red (95%)
- Green (98%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2140, 94.7112, 103.2542 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 88.2140, 94.7112, 103.2542 by changing the saturation by 10% instead.

88.2140, 94.7112,
103.2542

88.2140, 94.7112,
103.2542

510.5287,
543.2400, 591.9119

66.8317, 71.8946,
78.3891

143.7461,
153.8656, 167.7128

49.2181, 53.0726,
57.8753

178.6265,
190.9721, 208.1433

35.0077, 37.8607,
41.2944

218.7371,
233.6108, 254.5994

23.8354, 25.8746,
28.2277

264.4431,
282.1660, 307.4996

15.3356, 16.7299,
18.2569

316.1099,
337.0222, 367.2624

9.1431, 10.0421,
10.9632

374.1029,

4.8925, 5.4269,

398.5636, 434.3063

5.9282

438.7873,
467.1748, 509.0500

■ 2.2184, 2.4998,
2.7334

■ 0.7524, 0.8766,
0.9602

■ 88.2140, 94.7112,
103.2542

■ 88.2140, 94.7112,
103.2542

■ 79.3253, 90.2308,
98.3582

■ 93.7229, 97.4516,
108.1313

■ 71.5941, 86.3414,
93.6485

■ 93.7890, 97.4780,
108.4797

■ 64.9718, 83.0208,
89.1236

■ 59.4031, 80.2404,
84.7799

■ 54.8280, 77.9693,
80.6132

■ 51.1803, 76.1735,
76.6192

■ 48.3854, 74.8145,
72.7933

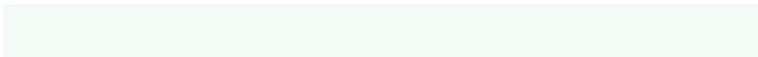
■ 46.3572, 73.8478,
69.1301

■ 44.9906, 73.2195,
65.6235

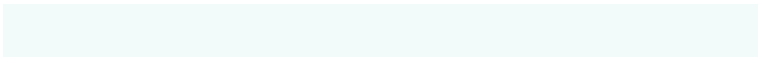
Harmonies

Analogous

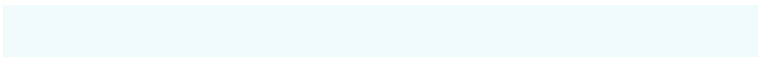
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4322, 94.7112, 100.6529



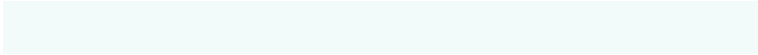
88.2140, 94.7112, 103.2542



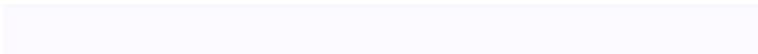
88.4770, 94.7112, 105.8645

Triad

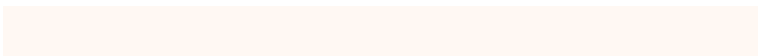
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2140, 94.7112, 103.2542



90.9719, 94.7112, 107.6337



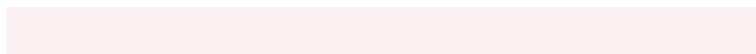
90.8929, 94.7112, 98.6169

Complementary

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



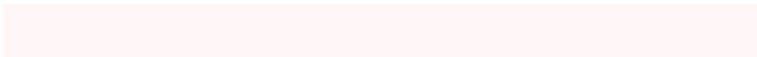
88.2140, 94.7112, 103.2542



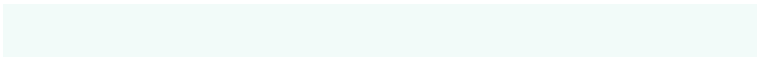
87.8684, 90.5476, 98.4389

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.



91.5812, 94.7112, 100.4320



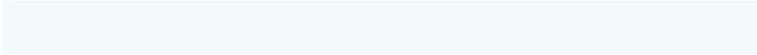
88.2140, 94.7112, 103.2542



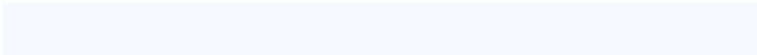
91.6270, 94.7112, 105.6360

Square

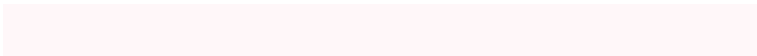
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2140, 94.7112, 103.2542



90.0655, 94.7112, 108.4202



91.8508, 94.7112, 102.9947



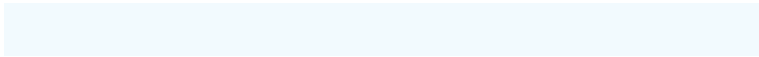
89.9749, 94.7112, 98.0039

Rectangle

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



88.2140, 94.7112, 103.2542



88.8908, 94.7112, 107.2510



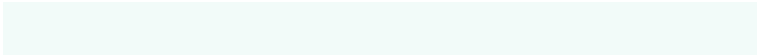
91.8508, 94.7112, 102.9947



91.1590, 94.7112, 99.1051

Sweetspot

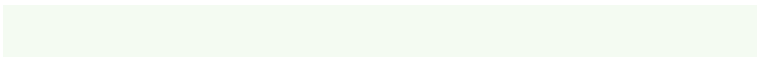
The Sweet Spot groups the original color and five complimentary colors.



88.2167, 94.7152, 103.2563



94.0268, 99.4831, 108.3758



87.8701, 94.6604, 97.6457



20.1364, 21.2989, 23.2024



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

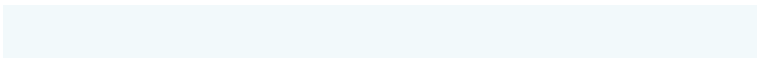
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2167, 94.7152, 103.2563



91.0330, 97.9712, 106.8152



87.7857, 93.3502, 104.6633



18.5045, 19.9996, 21.8080



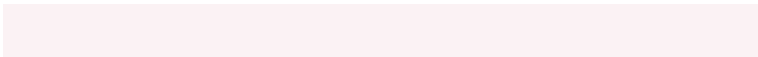
23.3760, 38.3634, 33.6527



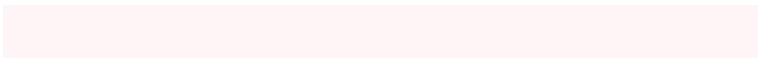
2.2043, 3.5688, 3.3235

Inverse Universe

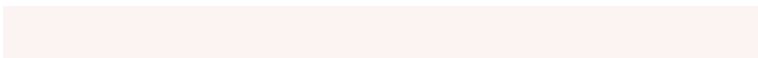
The Inverse Universe completely reimagines the original color for something new.



87.8684, 90.5476, 98.4389



90.6313, 93.1636, 101.2582



88.2851, 91.8653, 97.0843



18.4074, 18.8375, 20.4648



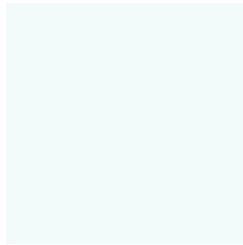
21.3299, 10.9477, 3.1795



2.0135, 1.0291, 0.4947

Previews

White Background



This preview shows how the XYZ color 88.2140, 94.7112, 103.2542 looks on a white background.

Color Contrast Check

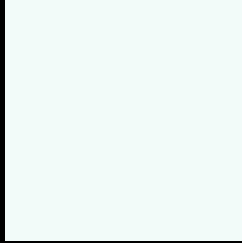
Large Text (above 18pt) WCAG AA × Fail

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 88.2140, 94.7112, 103.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

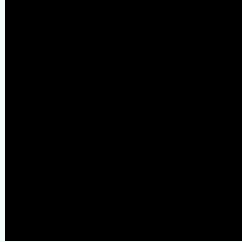
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

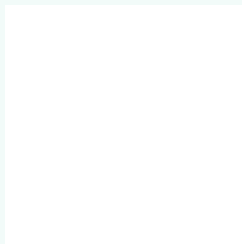
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2140, 94.7112, 103.2542

Background



This preview shows how black text looks on a background with the XYZ color 88.2140, 94.7112, 103.2542.

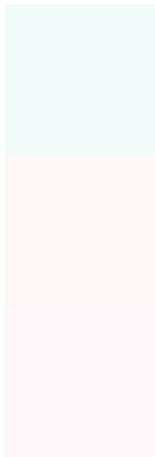


This preview shows how white text looks on a background with the XYZ color 88.2140, 94.7112,

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

88.2140, 94.7112, 103.2542

Protanopia

90.8639, 94.7329, 101.4919

Deuteranopia

91.5996, 94.6211, 103.0584

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

88.2140, 94.7112, 103.2542

Protanomaly

89.8859, 94.6684, 102.3423

Deuteranomaly

90.0906, 94.2983, 103.0756

Tritanomaly

89.9213, 95.0559, 106.5368

Monochromacy



Original Color

88.2140, 94.7112, 103.2542

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.8250, 94.1215, 102.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2140, 94.7112, 103.2542 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, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 249)  
}
```

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, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.2140, 94.7112, 103.2542 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, 251, 249) }
```


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

```
.border{ border-color:rgb(242, 251, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 251, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2140, 94.7112, 103.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 249) }
```

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

```
.background{ background-color: rgb(242,  
251, 249) }
```

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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