

Converting Colors

XYZ(84.2553, 92.1227,
103.7179)

Have a look what the booklet for
XYZ(84.2553, 92.1227, 103.7179)
contains.

XYZ(84.3959, 92.2623, 103.8027)	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(84.3959, 92.2623,
103.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FAFA
RGB	231, 250, 250
RGB Percent	91%, 98%, 98%
CMY	0.0941, 0.0196, 0.0196
CMYK	0.08, 0.00, 0.00, 0.02
HSL	180°, 66%, 94%
HSV	180°, 8%, 98%
XYZ	84.3959, 92.2623, 103.8027
YIQ	244.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

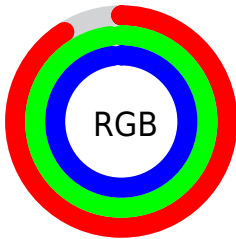
Format	Color
R _{YB}	231, 241, 250
Decimal	15203066
CIE _{Lab}	96.93, -6.18, -2.14
CIE _{LCh}	97, 6.537, 199.084
Yxy	92.2623, 0.3009, 0.3290
Android (android.graphics.Color)	4293393146 (0xFFE7FAFA)
YUV	244.3190, 2.8007, -11.6808
Hunter-Lab	96.0533, -11.2566, 3.1639

Details

The XYZ color **84.3959, 92.2623, 103.8027** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4274, 83.2478, 87.3296**, and the grayscale version is **86.2314, 90.7222, 98.7965**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7086, 51.5926, 58.5355** is the 20% darker color. If you saturate the color by 10%, you get **76.8961, 88.3986, 103.4494**, and if you desaturate by 10%, it is **92.6838, 96.5373, 104.1968**.

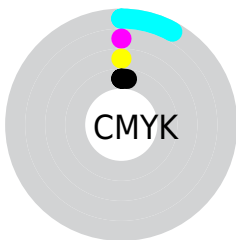
Distribution



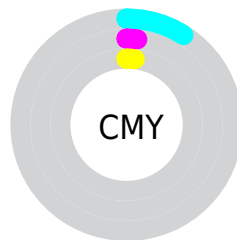
- Red (91%)
- Green (98%)
- Blue (98%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3959, 92.2623, 103.8027 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 84.3959, 92.2623, 103.8027 by changing the saturation by 10% instead.

84.3959, 92.2623,
103.8027

84.3959, 92.2623,
103.8027

498.1408,
535.3629, 593.6674

63.6632, 69.8585,
78.8456

138.4472,
150.4769, 168.4705

46.6386, 51.4112,
58.2483

172.4966,
187.0565, 209.0183

32.9568, 36.5360,
41.5923

211.7154,
229.1301, 255.6001

22.2524, 24.8484,
28.4590

256.4692,
277.0822, 308.6343

14.1601, 15.9642,
18.4299

307.1233,
331.2971, 368.5397

8.3146, 9.4988,
11.0864

364.0431,

4.3504, 5.0679,

392.1593, 435.7346

6.0101

427.5938,
460.0531, 510.6376

■ 1.9022, 2.2872,
2.7823

■ 0.5781, 0.7669,
0.9846

■ 84.3959, 92.2623,
103.8027

■ 84.3959, 92.2623,
103.8027

■ 76.8961, 88.3986,
103.4494

■ 92.6838, 96.5373,
104.1968

■ 70.4975, 85.1001,
103.1456

■ 92.6846, 96.5376,
104.2011

■ 65.1508, 82.3439,
102.8911

■ 92.6854, 96.5379,
104.2054

■ 60.7997, 80.1009,
102.6832

■ 92.6862, 96.5383,
104.2097

■ 57.3826, 78.3394,
102.5190

■ 92.6870, 96.5386,
104.2140

■ 54.8312, 77.0243,
102.3954

■ 92.6879, 96.5389,
104.2183

■ 53.0680, 76.1154,
102.3086

■ 92.6887, 96.5393,
104.2226

■ 52.0014, 75.5656,
102.2544

■ 92.6895, 96.5396,
104.2270

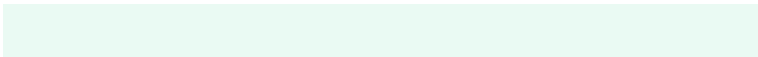
■ 51.5106, 75.3127,
102.2271

■ 92.6903, 96.5399,
104.2313

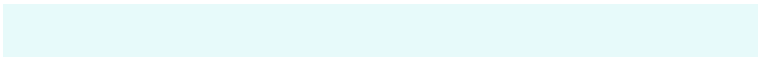
Harmonies

Analogous

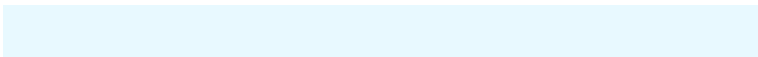
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2690, 92.2623, 98.5541



84.3959, 92.2623, 103.8027



85.3989, 92.2623, 108.2998

Triad

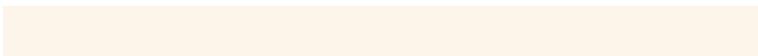
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3959, 92.2623, 103.8027



90.3896, 92.2623, 107.2317



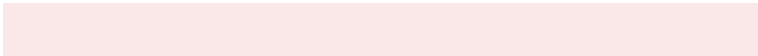
88.3633, 92.2623, 90.8466

Complementary

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



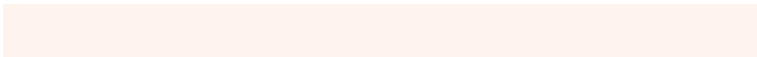
84.3959, 92.2623, 103.8027



82.4274, 83.2478, 87.3296

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.



90.0269, 92.2623, 93.0041



84.3959, 92.2623, 103.8027



91.2076, 92.2623, 102.3862

Square

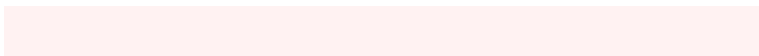
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



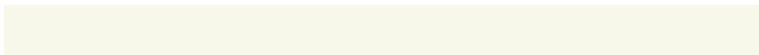
84.3959, 92.2623, 103.8027



88.8528, 92.2623, 110.3268



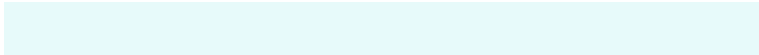
91.0739, 92.2623, 97.1859



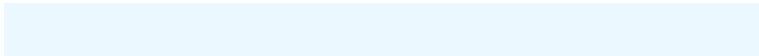
86.5425, 92.2623, 91.1959

Rectangle

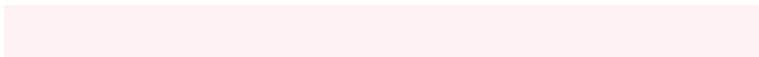
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



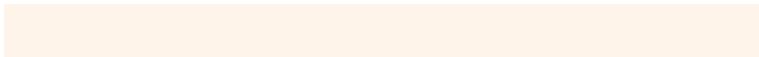
84.3959, 92.2623, 103.8027



86.4373, 92.2623, 110.2091



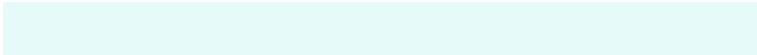
91.0739, 92.2623, 97.1859



88.9599, 92.2623, 91.2997

Sweetspot

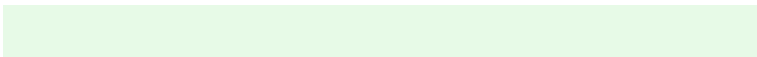
The Sweet Spot groups the original color and five complimentary colors.



84.3985, 92.2662, 103.8047



93.1983, 99.0455, 108.8124



81.6694, 91.1863, 88.8990



19.9677, 21.2098, 23.2913



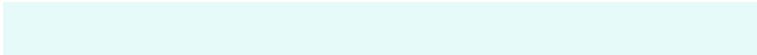
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

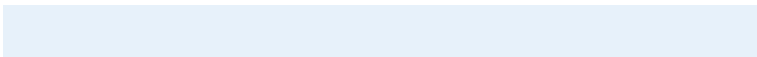
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3985, 92.2662, 103.8047



87.1042, 95.9039, 108.5241



81.6140, 86.6961, 102.8796



17.7657, 19.6086, 22.2329



27.2816, 39.9257, 54.2197



2.5268, 3.6978, 5.0219

Inverse Universe

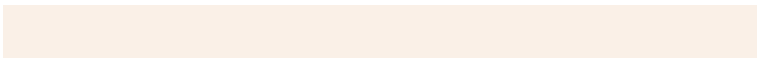
The Inverse Universe completely reimagines the original color for something new.



82.4274, 83.2478, 87.3296



84.6840, 84.8307, 88.2954



85.0656, 88.5250, 88.2063



17.2448, 17.2253, 17.8791



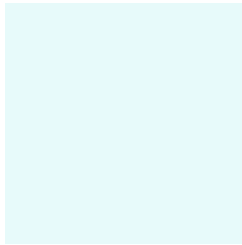
20.9121, 10.7806, 0.9798



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 84.3959, 92.2623, 103.8027 looks on a white background.

Color Contrast Check

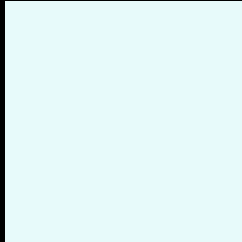
Large Text (above 18pt) WCAG AA × Fail

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 84.3959, 92.2623, 103.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

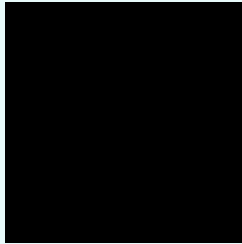
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3959, 92.2623, 103.8027

Background



This preview shows how black text looks on a background with the XYZ color 84.3959, 92.2623, 103.8027.

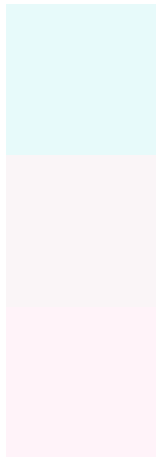


This preview shows how white text looks on a background with the XYZ color 84.3959, 92.2623,

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

84.3959, 92.2623, 103.8027

Protanopia

88.8652, 92.3442, 101.1362

Deuteranopia

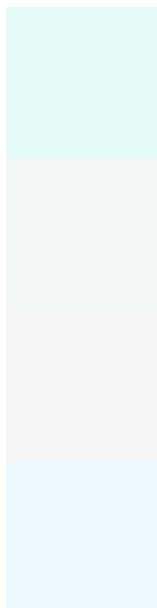
90.3895, 92.2007, 102.6550



Tritanopia

87.5864, 92.4423, 107.8346

Trichromacy



Original Color

84.3959, 92.2623, 103.8027

Protanomaly

87.1662, 92.3535, 102.0388

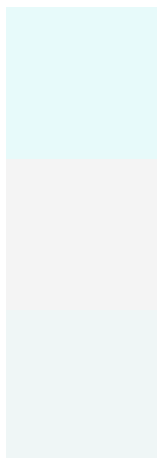
Deuteranomaly

88.0607, 92.3439, 102.8054

Tritanomaly

86.2221, 92.2312, 106.1865

Monochromacy



Original Color

84.3959, 92.2623, 103.8027

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.1869, 90.9161, 100.2475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3959, 92.2623, 103.8027 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(231, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 250)  
}
```

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(231, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.3959, 92.2623, 103.8027 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(231, 250, 250) }
```


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

```
.border{ border-color:rgb(231, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3959, 92.2623, 103.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 250) }
```

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

```
.background{ background-color: rgb(231,  
250, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor