

Converting Colors

XYZ(84.1739, 90.6465,
100.8321)

Have a look what the booklet for
XYZ(84.1739, 90.6465, 100.8321)
contains.

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Color

**XYZ(84.3102, 90.8991,
101.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF7F7
RGB	235, 247, 247
RGB Percent	92%, 97%, 97%
CMY	0.0784, 0.0314, 0.0314
CMYK	0.05, 0.00, 0.00, 0.03
HSL	180°, 43%, 95%
HSV	180°, 5%, 97%
XYZ	84.3102, 90.8991, 101.0973
YIQ	243.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

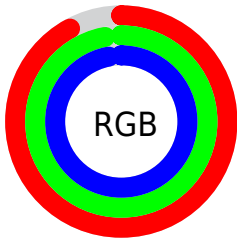
Format	Color
R _Y B	235, 241, 247
Decimal	15464439
CIE Lab	96.37, -3.93, -1.38
CIE LCh	96, 4.165, 199.289
Yxy	90.8991, 0.3051, 0.3290
Android (android.graphics.Color)	4293654519 (0xFFEBF7F7)
YUV	243.4120, 1.7689, -7.3773
Hunter-Lab	95.3410, -8.9990, 3.8690

Details

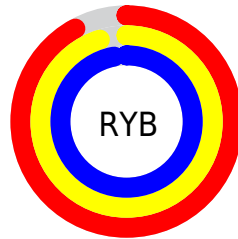
The XYZ color **84.3102, 90.8991, 101.0973** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.0648, 85.1914, 90.6672**, and the grayscale version is **85.5122, 89.9655, 97.9724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6252, 50.6069, 56.6009** is the 20% darker color. If you saturate the color by 10%, you get **76.7142, 86.9859, 100.7371**, and if you desaturate by 10%, it is **91.2925, 94.5010, 101.4326**.

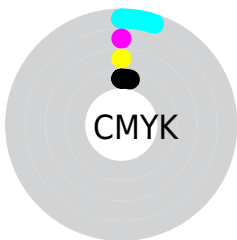
Distribution



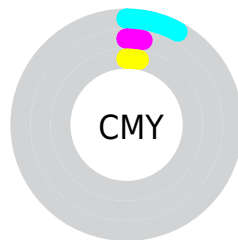
- Red (92%)
- Green (97%)
- Blue (97%)



- Red (92%)
- Yellow (95%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3102, 90.8991, 101.0973 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 84.3102, 90.8991, 101.0973 by changing the saturation by 10% instead.

84.3102, 90.8991,
101.0973

84.3102, 90.8991,
101.0973

497.8609,
530.9513, 584.9817

63.5921, 68.7266,
76.5953

138.3280,
148.5867, 164.7293

46.5809, 50.4891,
56.4112

172.3585,
184.8705, 204.6964

32.9110, 35.8022,
40.1265

211.5572,
226.6269, 250.6555

22.2172, 24.2814,
27.3226

256.2894,
274.2403, 303.0253

14.1341, 15.5425,
17.5811

306.9205,
328.0950, 362.2243

8.2963, 9.2010,
10.4833

363.8159,

4.3385, 4.8725,

388.5755, 428.6710

5.6108

427.3409,
456.0661, 502.7840

■ 1.8954, 2.1727,
2.5450

■ 0.5741, 0.7050,
0.8638

■ 84.3102, 90.8991,
101.0973

■ 84.3102, 90.8991,
101.0973

■ 76.7142, 86.9859,
100.7371

■ 91.2925, 94.5010,
101.4326

■ 70.2015, 83.6286,
100.4257

■ 91.2938, 94.5015,
101.4392

■ 64.7253, 80.8057,
100.1628

■ 91.2950, 94.5020,
101.4459

■ 60.2320, 78.4894,
99.9459

■ 91.2963, 94.5025,
101.4526

■ 56.6634, 76.6499,
99.7723

■ 91.2976, 94.5030,
101.4592

■ 53.9553, 75.2540,
99.6389

■ 91.2988, 94.5035,
101.4659

■ 52.0351, 74.2642,
99.5425

■ 91.3001, 94.5040,
101.4726

■ 50.8184, 73.6371,
99.4789

■ 91.3014, 94.5045,
101.4792

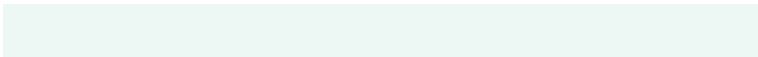
■ 50.2014, 73.3192,
99.4434

■ 91.3026, 94.5050,
101.4859

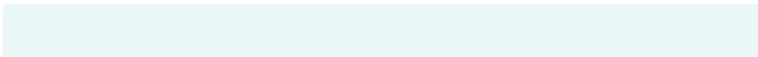
Harmonies

Analogous

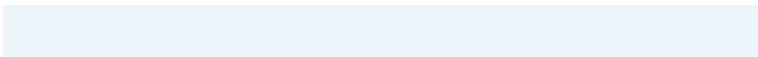
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2253, 90.8991, 97.7921



84.3102, 90.8991, 101.0973



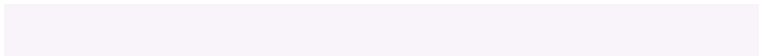
84.9513, 90.8991, 103.8915

Triad

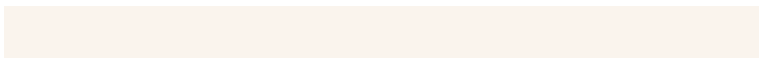
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3102, 90.8991, 101.0973



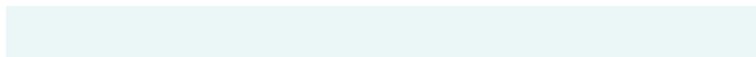
88.0974, 90.8991, 103.1957



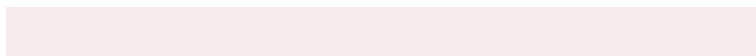
86.8117, 90.8991, 92.8333

Complementary

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



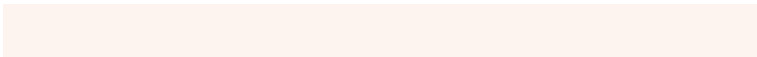
84.3102, 90.8991, 101.0973



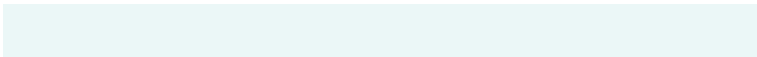
83.0648, 85.1914, 90.6672

Split Complementary

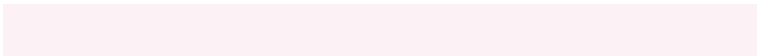
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8588, 90.8991, 94.2136



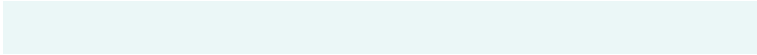
84.3102, 90.8991, 101.0973



88.6054, 90.8991, 100.1647

Square

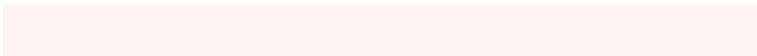
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3102, 90.8991, 101.0973



87.1352, 90.8991, 105.1216



88.5177, 90.8991, 96.8800



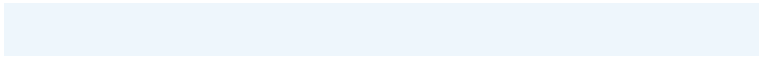
85.6627, 90.8991, 93.0703

Rectangle

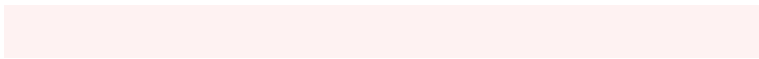
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3102, 90.8991, 101.0973



85.6110, 90.8991, 105.0652



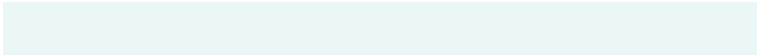
88.5177, 90.8991, 96.8800



87.1875, 90.8991, 93.1222

Sweetspot

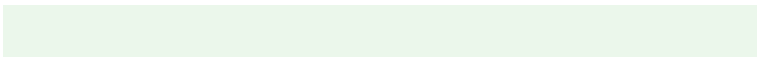
The Sweet Spot groups the original color and five complimentary colors.



84.3128, 90.9030, 101.0993



94.1179, 99.5195, 108.8557



82.5858, 90.2198, 91.6600



20.1549, 21.3063, 23.3001



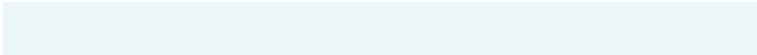
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

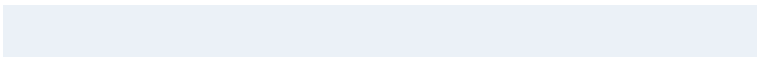
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3128, 90.9030, 101.0993



89.6426, 97.2125, 108.6427



82.5666, 87.4095, 100.5203



17.4639, 18.9987, 21.2883



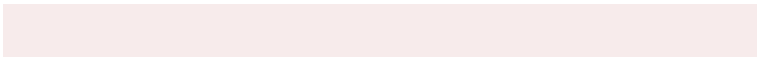
26.4628, 38.7300, 52.5844



2.3259, 3.4040, 4.6221

Inverse Universe

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



83.0648, 85.1914, 90.6672



87.9962, 89.6774, 94.8801



84.7526, 88.5679, 91.2270



17.1090, 17.3747, 18.3223



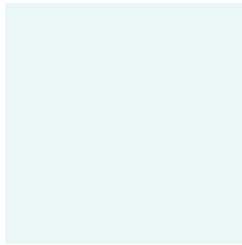
20.2865, 10.4580, 0.9512



1.7831, 0.9192, 0.0840

Previews

White Background



This preview shows how the XYZ color 84.3102, 90.8991, 101.0973 looks on a white background.

Color Contrast Check

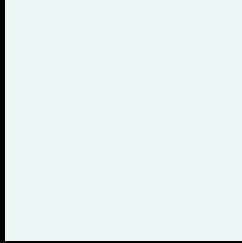
Large Text (above 18pt) WCAG AA × Fail

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 84.3102, 90.8991, 101.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

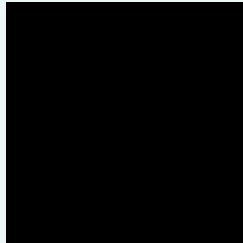
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

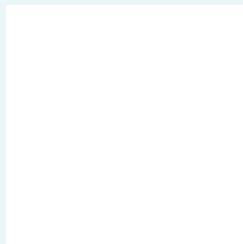
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3102, 90.8991, 101.0973

Background



This preview shows how black text looks on a background with the XYZ color 84.3102, 90.8991, 101.0973.



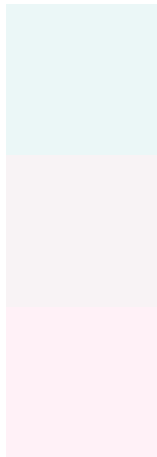
This preview shows how white text looks on a background with the XYZ color 84.3102, 90.8991,

101.0973.

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

84.3102, 90.8991, 101.0973

Protanopia

87.2434, 90.6502, 99.2852

Deuteranopia

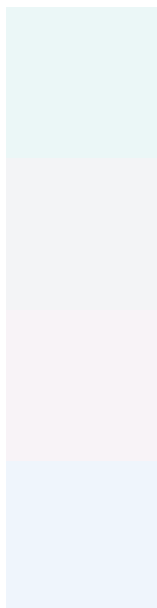
89.4838, 90.8860, 100.8221



Tritanopia

86.6763, 90.6221, 107.5312

Trichromacy



Original Color

84.3102, 90.8991, 101.0973

Protanomaly

85.9474, 90.4099, 100.1097

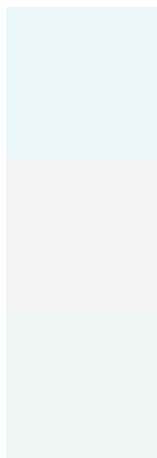
Deuteranomaly

87.5505, 90.7730, 100.9022

Tritanomaly

85.8197, 90.6838, 105.0760

Monochromacy



Original Color

84.3102, 90.8991, 101.0973

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.6150, 89.7583, 98.4533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3102, 90.8991, 101.0973 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(235, 247, 247) looks like.

```
.text, #text, p{  
    color:rgb(235, 247, 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(235, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 247, 247) }
```

Border

The CSS property to change the border of an element to XYZ 84.3102, 90.8991, 101.0973 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(235, 247, 247) }
```


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

```
.border{ border-color:rgb(235, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(235, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 247,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3102, 90.8991, 101.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 247, 247) }
```

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

```
.background{ background-color: rgb(235,  
247, 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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