

Converting Colors

XYZ(82.8842, 91.0221,
101.1101)

Have a look what the booklet for
XYZ(82.8842, 91.0221, 101.1101)
contains.

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Color

**XYZ(82.9773, 91.1248,
101.2112)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F9F7
RGB	229, 249, 247
RGB Percent	90%, 98%, 97%
CMY	0.1020, 0.0235, 0.0314
CMYK	0.08, 0.00, 0.01, 0.02
HSL	174°, 63%, 94%
HSV	174°, 8%, 98%
XYZ	82.9773, 91.1248, 101.2112
YIQ	242.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

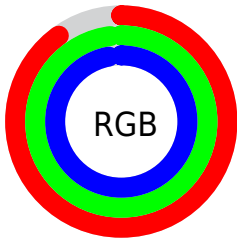
Format	Color
R _Y B	229, 240, 249
Decimal	15071735
CIE Lab	96.46, -6.88, -1.29
CIE LCh	96, 6.997, 190.615
Yxy	91.1248, 0.3014, 0.3310
Android (android.graphics.Color)	4293261815 (0xFFE5F9F7)
YUV	242.7920, 2.0745, -12.0956
Hunter-Lab	95.4593, -11.8940, 3.9590

Details

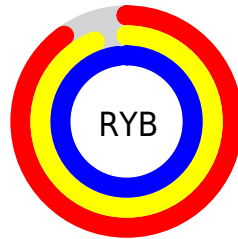
The XYZ color **82.9773, 91.1248, 101.2112** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5134, 81.9503, 87.1273**, and the grayscale version is **85.0187, 89.4463, 97.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7075, 50.7858, 56.6838** is the 20% darker color. If you saturate the color by 10%, you get **75.2134, 87.1690, 98.8537**, and if you desaturate by 10%, it is **91.8912, 95.6778, 103.6532**.

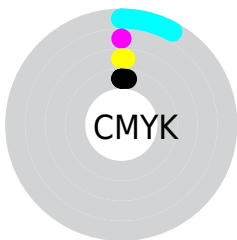
Distribution



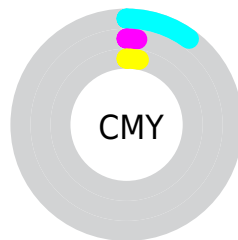
- Red (90%)
- Green (98%)
- Blue (97%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9773, 91.1248, 101.2112 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 82.9773, 91.1248, 101.2112 by changing the saturation by 10% instead.

82.9773, 91.1248,
101.2112

82.9773, 91.1248,
101.2112

493.4959,
531.6830, 585.3488

62.4883, 68.9139,
76.6899

136.4724,
148.8998, 164.8870

45.6844, 50.6416,
56.4884

170.2091,
185.2327, 204.8787

32.2005, 35.9235,
40.1880

209.0925,
227.0418, 250.8642

21.6709, 24.3751,
27.3703

253.4878,
274.7114, 303.2621

13.7306, 15.6121,
17.6166

303.7604,
328.6259, 362.4910

8.0139, 9.2501,
10.5085

360.2758,

4.1558, 4.9047,

389.1698, 428.9694

5.6274

423.3992,
456.7273, 503.1158

■ 1.7906, 2.1914,
2.5548

■ 0.5120, 0.7153,
0.8690

■ 82.9773, 91.1248,
101.2112

■ 82.9773, 91.1248,
101.2112

■ 75.2134, 87.1690,
98.8537

■ 91.8912, 95.6778,
103.6532

■ 68.5433, 83.7741,
96.5722

■ 92.6866, 96.0425,
105.7404

■ 62.9178, 80.9170,
94.3663

■ 93.0845, 96.2017,
107.8361

■ 58.2812, 78.5692,
92.2332

■ 93.1674, 96.2348,
108.2725

■ 54.5720, 76.6989,
90.1700

■ 51.7225, 75.2711,
88.1734

■ 49.6551, 74.2460,
86.2397

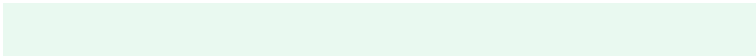
■ 48.2786, 73.5765,
84.3645

■ 47.4684, 73.1983,
82.5418

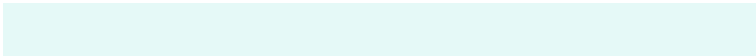
Harmonies

Analogous

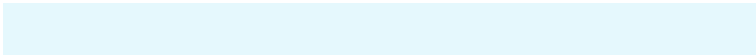
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1216, 91.1248, 95.6971



82.9773, 91.1248, 101.2112



83.7956, 91.1248, 106.3769

Triad

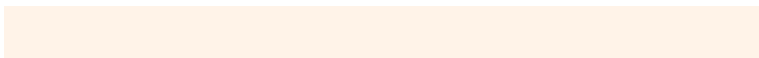
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9773, 91.1248, 101.2112



89.0758, 91.1248, 107.5979



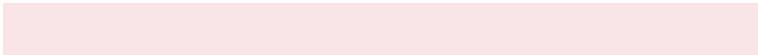
87.8621, 91.1248, 89.4286

Complementary

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



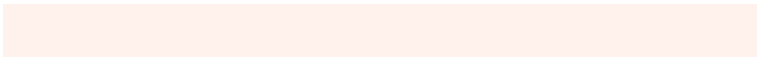
82.9773, 91.1248, 101.2112



81.5134, 81.9503, 87.1273

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.



89.4895, 91.1248, 92.3904



82.9773, 91.1248, 101.2112



90.1975, 91.1248, 102.8272

Square

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



82.9773, 91.1248, 101.2112



87.3041, 91.1248, 110.1551



90.3501, 91.1248, 97.2539



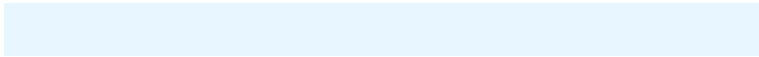
85.9224, 91.1248, 89.0326

Rectangle

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



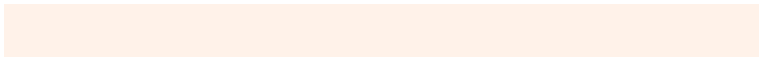
82.9773, 91.1248, 101.2112



84.7842, 91.1248, 108.8756



90.3501, 91.1248, 97.2539



88.4646, 91.1248, 90.1518

Sweetspot

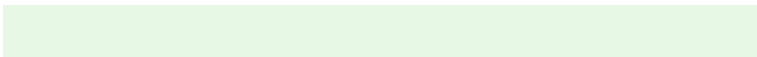
The Sweet Spot groups the original color and five complimentary colors.



82.9799, 91.1286, 101.2132



93.1164, 99.0127, 108.3807



81.0840, 90.4569, 87.3165



19.9510, 21.2031, 23.2034



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

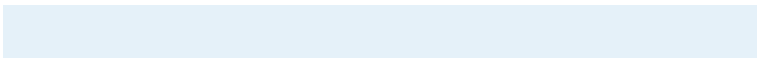
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9799, 91.1286, 101.2132



85.8743, 95.3170, 106.3381



80.9688, 86.6088, 102.0767



17.6865, 19.5769, 21.8155



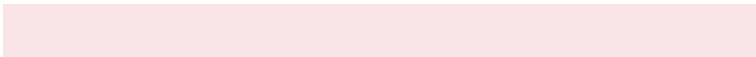
25.3697, 39.1609, 44.1517



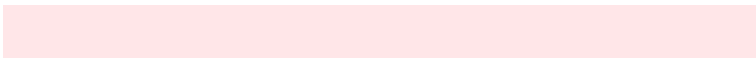
2.3707, 3.6354, 4.1999

Inverse Universe

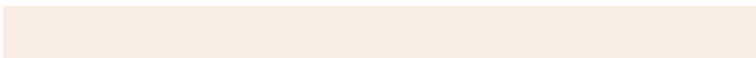
The Inverse Universe completely reimagines the original color for something new.



81.5134, 81.9503, 87.1273



83.9711, 83.4050, 88.0574



83.4008, 86.1755, 86.3680



17.3152, 17.2535, 18.2498



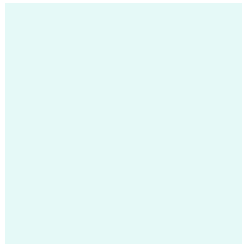
21.0286, 10.8272, 1.5932



1.9704, 1.0119, 0.2675

Previews

White Background



This preview shows how the XYZ color 82.9773, 91.1248, 101.2112 looks on a white background.

Color Contrast Check

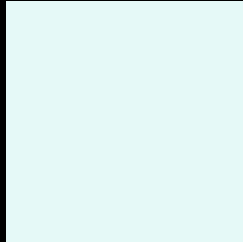
Large Text (above 18pt) WCAG AA × Fail

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 82.9773, 91.1248, 101.2112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

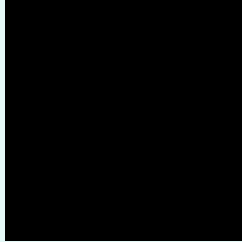
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

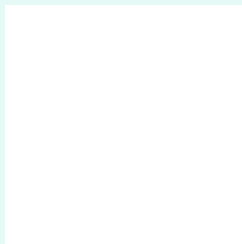
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9773, 91.1248, 101.2112

Background



This preview shows how black text looks on a background with the XYZ color 82.9773, 91.1248, 101.2112.

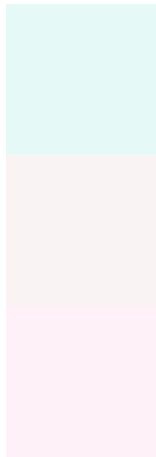


This preview shows how white text looks on a background with the XYZ color 82.9773, 91.1248,

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

82.9773, 91.1248, 101.2112

Protanopia

87.4466, 90.7726, 98.4999

Deuteranopia

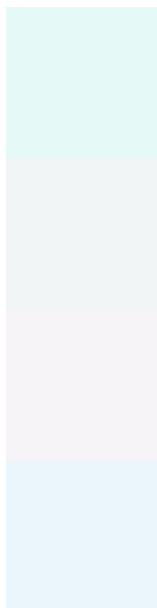
89.4838, 90.8860, 100.8221



Tritanopia

86.2990, 90.8755, 107.6000

Trichromacy



Original Color

82.9773, 91.1248, 101.2112

Protanomaly

85.7518, 90.7746, 99.3879

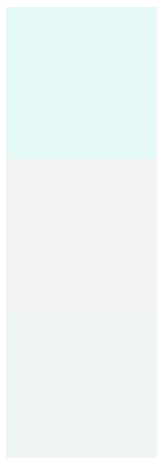
Deuteranomaly

87.1452, 91.0096, 100.9693

Tritanomaly

84.7874, 90.6020, 105.1146

Monochromacy



Original Color

82.9773, 91.1248, 101.2112

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.2414, 90.0136, 98.5223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9773, 91.1248, 101.2112 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(229, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.9773, 91.1248, 101.2112 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(229, 249, 247) }
```


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

```
.border{ border-color:rgb(229, 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(229, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(229, 249,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9773, 91.1248, 101.2112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 249, 247) }
```

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

```
.background{ background-color: rgb(229,  
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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