

Converting Colors

XYZ(82.6824, 90.0599,
101.0212)

Have a look what the booklet for
XYZ(82.6824, 90.0599, 101.0212)
contains.

XYZ(82.6824, 90.0599, 101.0212)	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(82.6824, 90.0599,
101.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F7F7
RGB	230, 247, 247
RGB Percent	90%, 97%, 97%
CMY	0.0980, 0.0314, 0.0314
CMYK	0.07, 0.00, 0.00, 0.03
HSL	180°, 52%, 94%
HSV	180°, 7%, 97%
XYZ	82.6824, 90.0599, 101.0212
YIQ	241.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

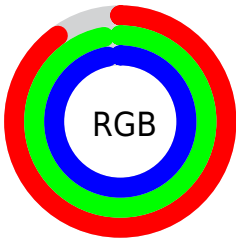
Format	Color
R _Y B	230, 239, 247
Decimal	15136759
CIE Lab	96.02, -5.55, -1.92
CIE LCh	96, 5.872, 199.135
Yxy	90.0599, 0.3020, 0.3290
Android (android.graphics.Color)	4293326839 (0xFFE6F7F7)
YUV	241.9170, 2.5059, -10.4512
Hunter-Lab	94.8999, -10.5551, 3.3156

Details

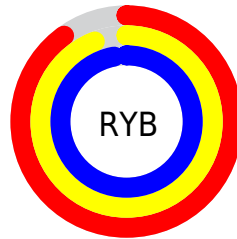
The XYZ color **82.6824, 90.0599, 101.0212** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9408, 82.0834, 86.4447**, and the grayscale version is **84.3212, 88.7124, 96.6078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4903, 50.0219, 56.5478** is the 20% darker color. If you saturate the color by 10%, you get **75.3105, 86.2621, 100.6737**, and if you desaturate by 10%, it is **91.1827, 94.4443, 101.4252**.

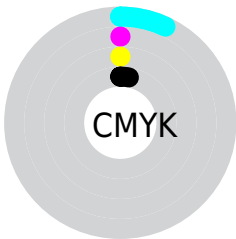
Distribution



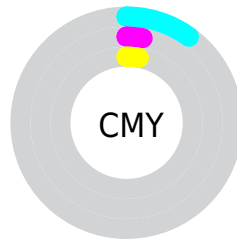
- Red (90%)
- Green (97%)
- Blue (97%)



- Red (90%)
- Yellow (94%)
- Blue (97%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6824, 90.0599, 101.0212 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 82.6824, 90.0599, 101.0212 by changing the saturation by 10% instead.

82.6824, 90.0599,
101.0212

82.6824, 90.0599,
101.0212

492.5274,
528.2257, 584.7364

62.2442, 68.0303,
76.5320

136.0614,
147.4216, 164.6239

45.4864, 49.9224,
56.3596

169.7329,
183.5225, 204.5746

32.0436, 35.3517,
40.0854

208.5462,
225.0826, 250.5161

21.5505, 23.9340,
27.2908

252.8667,
272.4864, 302.8671

13.6418, 15.2846,
17.5574

303.0597,
326.1182, 362.0461

7.9520, 9.0194,
10.4666

359.4906,

4.1158, 4.7538,

386.3624, 428.4716

5.5997

422.5247,
453.6035, 502.5622

■ 1.7678, 2.1036,
2.5384

■ 0.4982, 0.6666,
0.8604

■ 82.6824, 90.0599,
101.0212

■ 82.6824, 90.0599,
101.0212

■ 75.3105, 86.2621,
100.6737

■ 91.1827, 94.4443,
101.4252

■ 69.0121, 83.0153,
100.3747

■ 91.2929, 94.5010,
101.4347

■ 63.7397, 80.2974,
100.1236

■ 91.2937, 94.5014,
101.4391

■ 59.4389, 78.0803,
99.9180

■ 91.2945, 94.5017,
101.4434

56.0504, 76.3336,
99.7551

91.2954, 94.5020,
101.4478

53.5084, 75.0232,
99.6318

91.2962, 94.5024,
101.4522

51.7383, 74.1108,
99.5446

91.2970, 94.5027,
101.4565

50.6527, 73.5512,
99.4895

91.2978, 94.5030,
101.4609

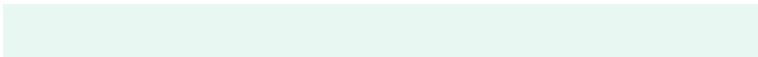
50.1401, 73.2871,
99.4611

91.2987, 94.5034,
101.4653

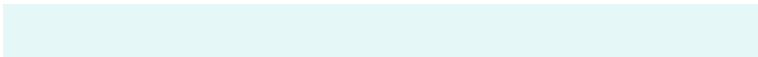
Harmonies

Analogous

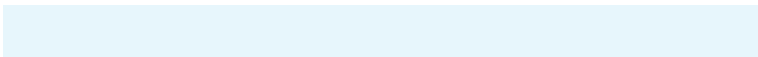
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5685, 90.0599, 96.3836



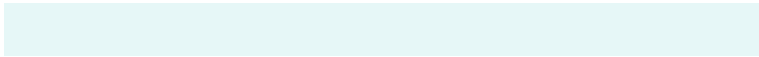
82.6824, 90.0599, 101.0212



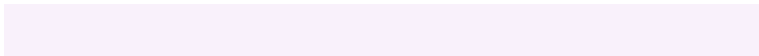
83.5720, 90.0599, 104.9810

Triad

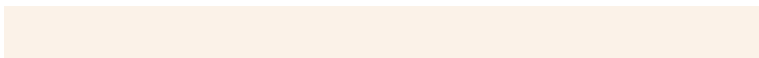
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6824, 90.0599, 101.0212



87.9829, 90.0599, 104.0293



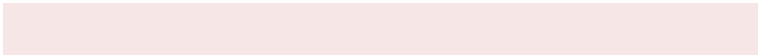
86.1893, 90.0599, 89.5354

Complementary

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



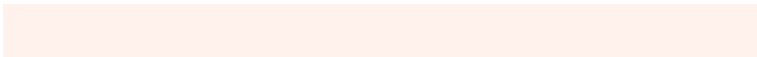
82.6824, 90.0599, 101.0212



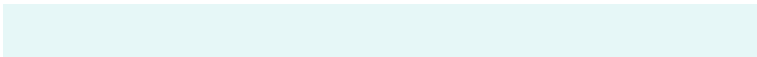
80.9408, 82.0834, 86.4447

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.



87.6590, 90.0599, 91.4500



82.6824, 90.0599, 101.0212



88.7032, 90.0599, 99.7556

Square

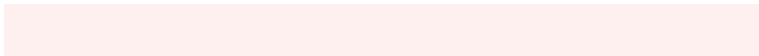
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6824, 90.0599, 101.0212



86.6271, 90.0599, 106.7553



88.5839, 90.0599, 95.1571



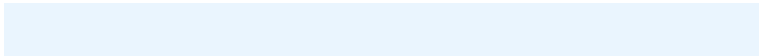
84.5796, 90.0599, 89.8500

Rectangle

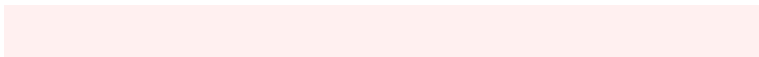
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



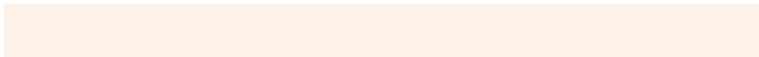
82.6824, 90.0599, 101.0212



84.4917, 90.0599, 106.6576



88.5839, 90.0599, 95.1571



86.7164, 90.0599, 89.9372

Sweetspot

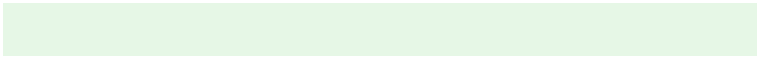
The Sweet Spot groups the original color and five complimentary colors.



82.6850, 90.0637, 101.0232



93.1983, 99.0455, 108.8124



80.2704, 89.1084, 87.8333



19.9677, 21.2098, 23.2912



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

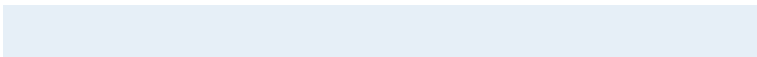
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6850, 90.0637, 101.0232



87.9383, 96.3339, 108.5634



80.2273, 85.1475, 100.2068



16.9966, 18.7578, 21.2665



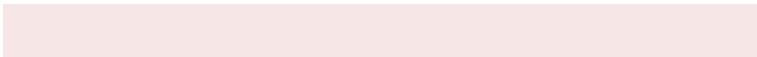
26.4651, 38.7309, 52.5964



2.3261, 3.4041, 4.6230

Inverse Universe

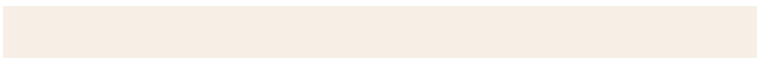
The Inverse Universe completely reimagines the original color for something new.



80.9408, 82.0834, 86.4447



85.7722, 86.4232, 90.4586



83.2816, 86.7659, 87.2224



16.4993, 16.4826, 17.1102



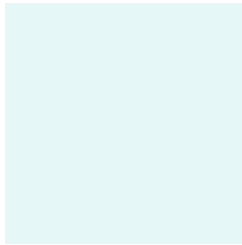
20.2864, 10.4580, 0.9505



1.7830, 0.9192, 0.0838

Previews

White Background



This preview shows how the XYZ color 82.6824, 90.0599, 101.0212 looks on a white background.

Color Contrast Check

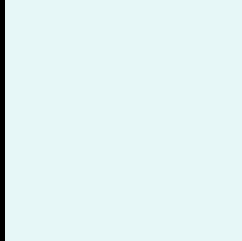
Large Text (above 18pt) WCAG AA × Fail

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 82.6824, 90.0599, 101.0212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

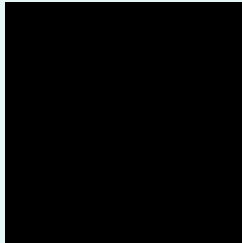
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

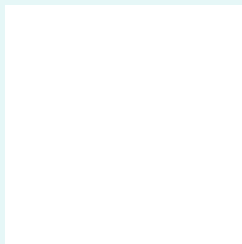
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6824, 90.0599, 101.0212

Background



This preview shows how black text looks on a background with the XYZ color 82.6824, 90.0599, 101.0212.

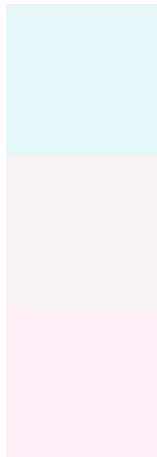


This preview shows how white text looks on a background with the XYZ color 82.6824, 90.0599,

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

82.6824, 90.0599, 101.0212

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

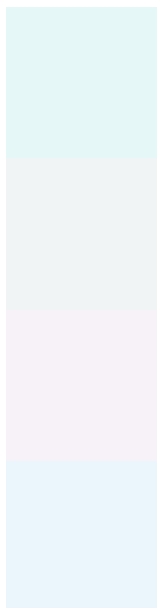
88.8950, 89.7084, 100.6259



Tritanopia

85.6606, 90.0985, 107.4837

Trichromacy



Original Color

82.6824, 90.0599, 101.0212

Protanomaly

85.1077, 89.9947, 99.2713

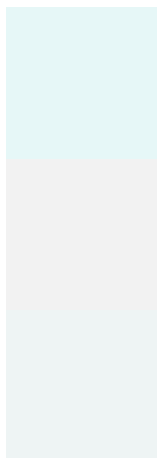
Deuteranomaly

86.5467, 89.8125, 100.7697

Tritanomaly

84.4840, 89.9953, 105.0135

Monochromacy



Original Color

82.6824, 90.0599, 101.0212

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.9397, 89.4102, 98.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6824, 90.0599, 101.0212 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(230, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 247, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.6824, 90.0599, 101.0212 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(230, 247, 247) }
```


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

```
.border{ border-color:rgb(230, 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(230, 247, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 247,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6824, 90.0599, 101.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 247, 247) }
```

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

```
.background{ background-color: rgb(230,  
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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