

Converting Colors

XYZ(82.6878, 89.5741,
102.5539)

Have a look what the booklet for
XYZ(82.6878, 89.5741, 102.5539)
contains.

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Color

**XYZ(82.6878, 89.5741,
102.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F6F9
RGB	230, 246, 249
RGB Percent	90%, 96%, 98%
CMY	0.0980, 0.0353, 0.0235
CMYK	0.08, 0.01, 0.00, 0.02
HSL	189°, 61%, 94%
HSV	189°, 8%, 98%
XYZ	82.6878, 89.5741, 102.5539
YIQ	241.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

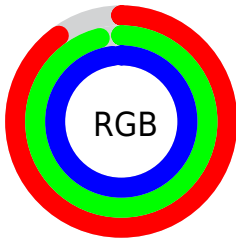
Format	Color
R _Y B	230, 239, 249
Decimal	15136505
CIE Lab	95.82, -4.67, -3.25
CIE LCh	96, 5.690, 214.884
Yxy	89.5741, 0.3009, 0.3259
Android (android.graphics.Color)	4293326585 (0xFFE6F6F9)
YUV	241.5580, 3.6689, -10.1364
Hunter-Lab	94.6436, -9.6752, 2.0051

Details

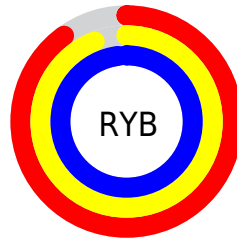
The XYZ color **82.6878, 89.5741, 102.5539** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4891, 84.1301, 86.7555**, and the grayscale version is **84.0289, 88.4050, 96.2730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4947, 49.6758, 57.6426** is the 20% darker color. If you saturate the color by 10%, you get **74.0797, 83.3845, 101.8143**, and if you desaturate by 10%, it is **92.4677, 96.4102, 103.3593**.

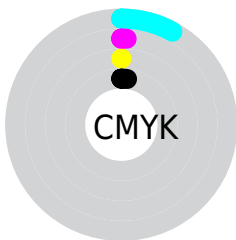
Distribution



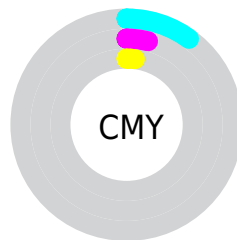
- Red (90%)
- Green (96%)
- Blue (98%)



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



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




- Cyan (10%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6878, 89.5741, 102.5539 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 82.6878, 89.5741, 102.5539 by changing the saturation by 10% instead.


 82.6878, 89.5741,
102.5539

 82.6878, 89.5741,
102.5539


492.5451,
526.6444, 589.6665

 62.2487, 67.6275,
77.8064


136.0689,
146.7467, 166.7448

 45.4900, 49.5947,
57.3994


169.7416,
182.7414, 207.0253

 32.0465, 35.0915,
40.9145


208.5562,
224.1875, 253.3205

 21.5527, 23.7334,
27.9331

252.8781,
271.4696, 306.0490

 13.6434, 15.1359,
18.0366

303.0725,
324.9719, 365.6293

 7.9531, 8.9148,
10.8066

359.5050,

 4.1165, 4.6857,

385.0789, 432.4800

5.8244

422.5407,
452.1750, 507.0195

■ 1.7683, 2.0640,
2.6715

■ 0.4984, 0.6443,
0.9291

■ 82.6878, 89.5741,
102.5539

■ 82.6878, 89.5741,
102.5539

■ 74.0797, 83.3845,
101.8143

■ 92.4677, 96.4102,
103.3593

■ 66.5874, 77.8050,
101.1322

■ 93.7361, 98.8936,
103.7718

■ 60.1618, 72.8123,
100.5072

■ 94.0991, 99.6197,
103.8928

■ 54.7469, 68.3775,
99.9366

■ 50.2816, 64.4689,
99.4175

■ 46.6982, 61.0511,
98.9467

■ 43.9196, 58.0843,
98.5205

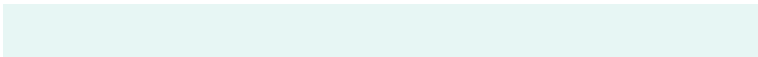
■ 41.8551, 55.5215,
98.1346

■ 40.3844, 53.3005,
97.7834

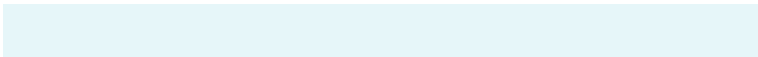
Harmonies

Analogous

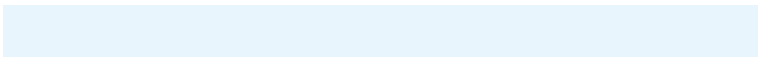
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1682, 89.5741, 98.2681



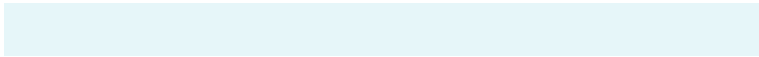
82.6878, 89.5741, 102.5539



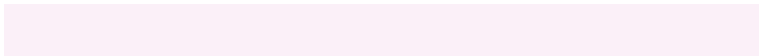
83.8640, 89.5741, 105.5612

Triad

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



82.6878, 89.5741, 102.5539



87.8971, 89.5741, 101.2426



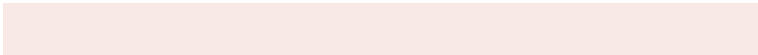
84.8810, 89.5741, 89.1770

Complementary

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



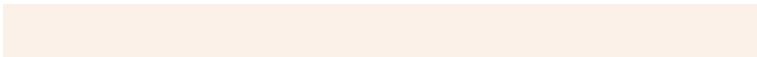
82.6878, 89.5741, 102.5539



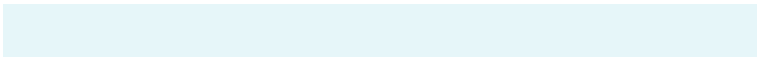
82.4891, 84.1301, 86.7555

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.



86.4238, 89.5741, 89.9186



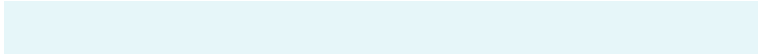
82.6878, 89.5741, 102.5539



88.1774, 89.5741, 96.7975

Square

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



82.6878, 89.5741, 102.5539



86.8738, 89.5741, 104.7880



87.6351, 89.5741, 92.6748



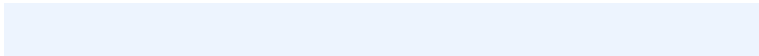
83.4245, 89.5741, 90.6170

Rectangle

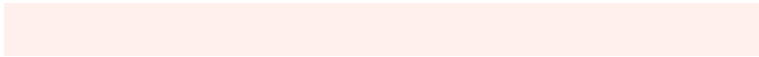
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



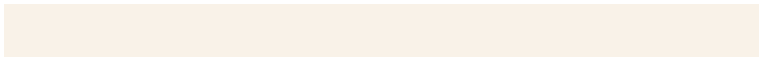
82.6878, 89.5741, 102.5539



84.8689, 89.5741, 106.3879



87.6351, 89.5741, 92.6748



85.4066, 89.5741, 89.1798

Sweetspot

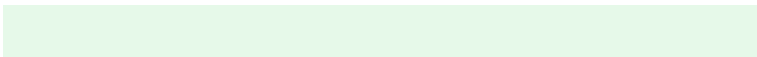
The Sweet Spot groups the original color and five complimentary colors.



82.6904, 89.5779, 102.5559



92.9425, 98.5335, 108.7280



81.1968, 90.4504, 90.1591



19.9156, 21.1056, 23.2741



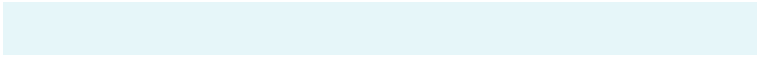
0.0000, 0.0000, 0.0000



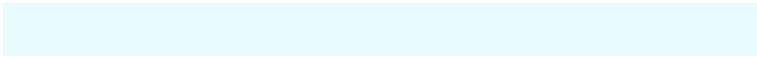
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6904, 89.5779, 102.5559



85.9612, 93.6168, 108.1469



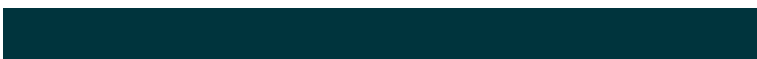
79.9164, 84.0300, 101.6312



17.5190, 19.1149, 22.1515



21.5411, 28.4378, 52.3273



2.0557, 2.7550, 4.8666

Inverse Universe

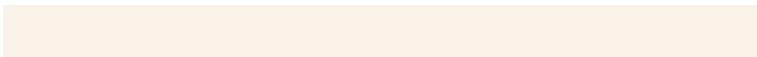
The Inverse Universe completely reimagines the original color for something new.



84.0003, 83.3890, 98.8616



87.5834, 85.9905, 103.5636



85.2077, 89.5672, 87.6617



17.8685, 17.4748, 21.1634



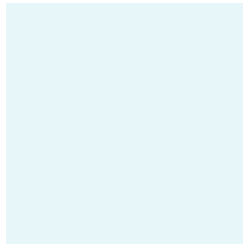
27.1650, 13.2817, 33.9069



2.5465, 1.2423, 3.3014

Previews

White Background



This preview shows how the XYZ color 82.6878, 89.5741, 102.5539 looks on a white background.

Color Contrast Check

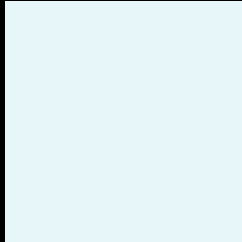
Large Text (above 18pt) WCAG AA × Fail

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 82.6878, 89.5741, 102.5539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

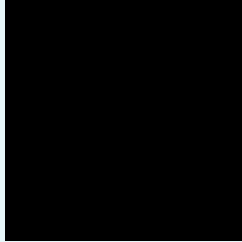
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6878, 89.5741, 102.5539

Background



This preview shows how black text looks on a background with the XYZ color 82.6878, 89.5741, 102.5539.



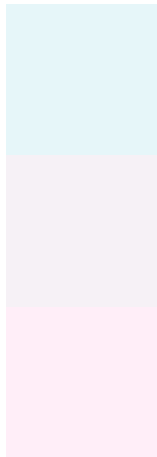
This preview shows how white text looks on a background with the XYZ color 82.6878, 89.5741,

102.5539.

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

82.6878, 89.5741, 102.5539

Protanopia

86.0959, 89.1572, 99.8601

Deuteranopia

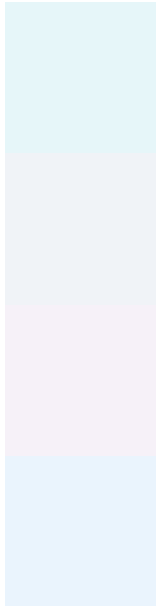
88.7578, 89.1864, 101.3436



Tritanopia

85.0256, 89.3257, 107.3680

Trichromacy



Original Color

82.6878, 89.5741, 102.5539

Protanomaly

84.7743, 89.3418, 100.7723

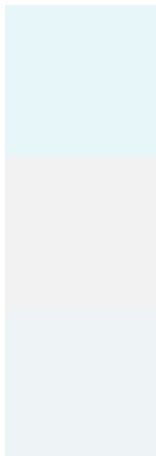
Deuteranomaly

86.4046, 89.2807, 101.4858

Tritanomaly

84.0120, 89.2856, 105.7345

Monochromacy



Original Color

82.6878, 89.5741, 102.5539

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.7919, 88.8709, 99.1237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6878, 89.5741, 102.5539 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, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 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(230, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.6878, 89.5741, 102.5539 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, 246, 249) }
```


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

```
.border{ border-color:rgb(230, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6878, 89.5741, 102.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 249) }
```

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

```
.background{ background-color: rgb(230,  
246, 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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