

Converting Colors

XYZ(79.1518, 86.2348, 89.8653)

Have a look what the booklet for
XYZ(79.1518, 86.2348, 89.8653)
contains.

XYZ(79.0932, 86.2104, 89.5624)	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(79.0932, 86.2104,
89.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F2E9
RGB	230, 242, 233
RGB Percent	90%, 95%, 91%
CMY	0.0980, 0.0510, 0.0863
CMYK	0.05, 0.00, 0.04, 0.05
HSL	135°, 32%, 93%
HSV	135°, 5%, 95%
XYZ	79.0932, 86.2104, 89.5624
YIQ	237.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

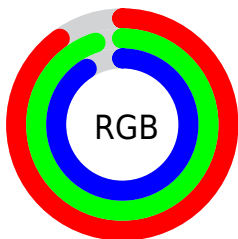
Format	Color
R _{YB}	230, 240, 242
Decimal	15135465
CIE Lab	94.40, -5.58, 2.96
CIE LCh	94, 6.312, 152.072
Yxy	86.2104, 0.3103, 0.3383
Android (android.graphics.Color)	4293325545 (0xFFE6F2E9)
YUV	237.3860, -2.1623, -6.4775
Hunter-Lab	92.8496, -10.4328, 7.8037

Details

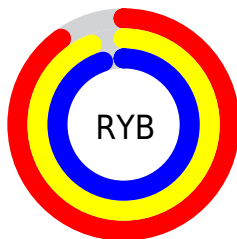
The XYZ color **79.0932, 86.2104, 89.5624** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.4979, 81.7050, 93.1934**, and the grayscale version is **80.8142, 85.0228, 92.5899**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9503, 47.2908, 48.4593** is the 20% darker color. If you saturate the color by 10%, you get **69.3986, 81.4995, 76.2620**, and if you desaturate by 10%, it is **90.1377, 91.5913, 104.3220**.

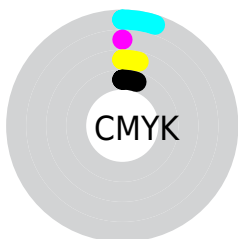
Distribution



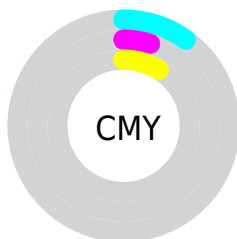
- Red (90%)
- Green (95%)
- Blue (91%)



- Red (90%)
- Yellow (94%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (10%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0932, 86.2104, 89.5624 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 79.0932, 86.2104, 89.5624 by changing the saturation by 10% instead.

79.0932, 86.2104,
89.5624

79.0932, 86.2104,
89.5624

480.6548,
515.6247, 547.1397

59.2783, 64.8420,
67.0461

131.0473,
142.0631, 148.6606

43.0845, 47.3330,
48.6603

163.9172,
177.3161, 186.0796

30.1462, 33.2989,
33.9863

201.8696,
217.9661, 229.3032

20.0982, 22.3556,
22.6058

245.2697,
264.3975, 278.7500

12.5751, 14.1184,
14.1002

294.4829,
316.9946, 334.8385

7.2116, 8.2031,
8.0508

349.8746,

3.6423, 4.2252,

376.1420, 397.9872

4.0392

411.8101,
442.2239, 468.6148

■ 1.5018, 1.8003,
1.6469

■ 0.3271, 0.4874,
0.3240

■ 79.0932, 86.2104,
89.5624

■ 79.0932, 86.2104,
89.5624

■ 69.3986, 81.4995,
76.2620

■ 90.1377, 91.5913,
104.3220

■ 60.9944, 77.4214,
64.3710

■ 91.0438, 91.9875,
107.5646

■ 53.8273, 73.9523,
53.8445

■ 47.8378, 71.0622,
44.6336

■ 42.9609, 68.7189,
36.6862

■ 39.1256, 66.8869,
29.9468

■ 36.2518, 65.5262,
24.3558

■ 34.2478, 64.5908,
19.8482

■ 33.0021, 64.0247,
16.3525

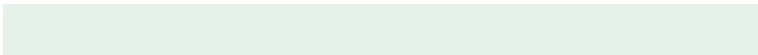
Harmonies

Analogous

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



80.2213, 86.2104, 86.1758



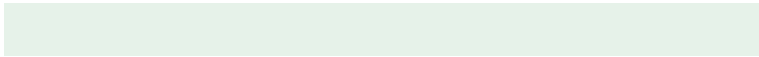
79.0932, 86.2104, 89.5624



78.7250, 86.2104, 94.2064

Triad

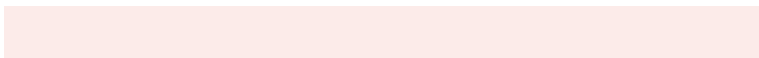
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0932, 86.2104, 89.5624



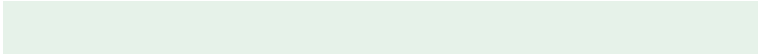
82.0583, 86.2104, 103.5131



84.7345, 86.2104, 88.9970

Complementary

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



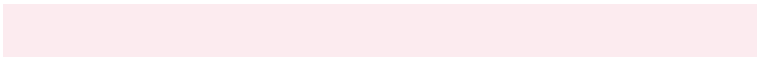
79.0932, 86.2104, 89.5624



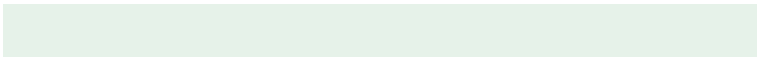
80.4979, 81.7050, 93.1934

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.



85.2422, 86.2104, 93.5313



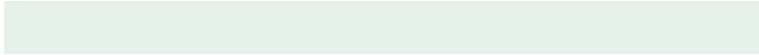
79.0932, 86.2104, 89.5624



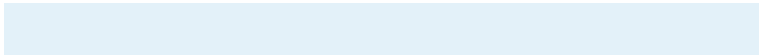
83.6839, 86.2104, 102.0058

Square

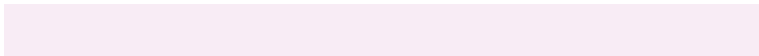
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



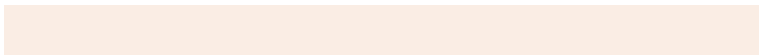
79.0932, 86.2104, 89.5624



80.4227, 86.2104, 102.3630



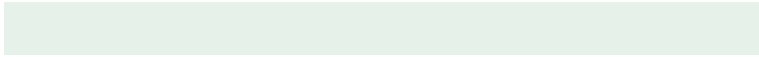
84.8551, 86.2104, 98.3104



83.4771, 86.2104, 85.8574

Rectangle

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



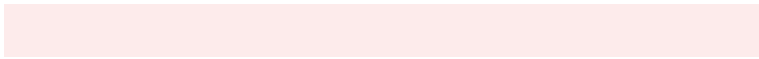
79.0932, 86.2104, 89.5624



78.9558, 86.2104, 97.4213



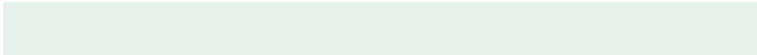
84.8551, 86.2104, 98.3104



84.9993, 86.2104, 90.4031

Sweetspot

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



79.0956, 86.2141, 89.5643



93.8116, 99.3970, 107.2426



81.7026, 87.6072, 87.4677



20.0926, 21.2814, 22.9718



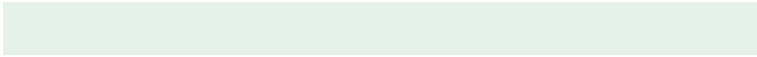
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

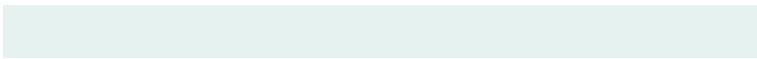
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0956, 86.2141, 89.5643



87.8503, 96.4956, 99.2048



79.9385, 86.5512, 94.0028



16.3242, 18.0112, 18.4039



17.5484, 34.3114, 8.2711



1.4984, 2.8698, 0.8912

Inverse Universe

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



80.4979, 81.7050, 93.1934



89.7522, 90.3798, 104.1269



79.6540, 81.3675, 88.7499



16.7151, 16.7541, 19.4156



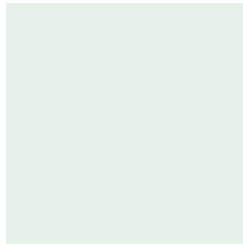
24.2381, 11.9677, 24.9682



2.0558, 1.0114, 2.2847

Previews

White Background



This preview shows how the XYZ color 79.0932, 86.2104, 89.5624 looks on a white background.

Color Contrast Check

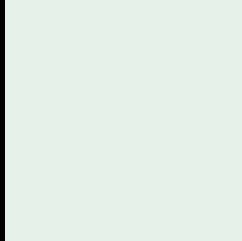
Large Text (above 18pt) WCAG AA × Fail

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 79.0932, 86.2104, 89.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

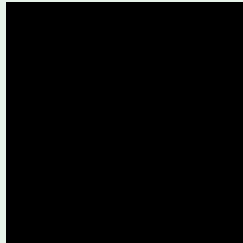
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

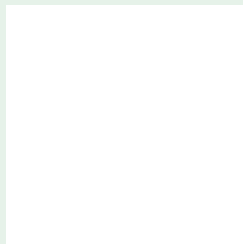
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0932, 86.2104, 89.5624

Background



This preview shows how black text looks on a background with the XYZ color 79.0932, 86.2104, 89.5624.



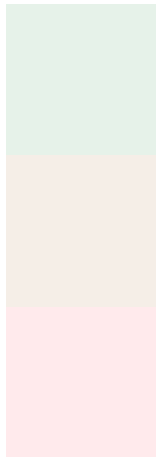
This preview shows how white text looks on a background with the XYZ color 79.0932, 86.2104,

89.5624.

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

79.0932, 86.2104, 89.5624

Protanopia

82.6545, 86.3311, 87.9085

Deuteranopia

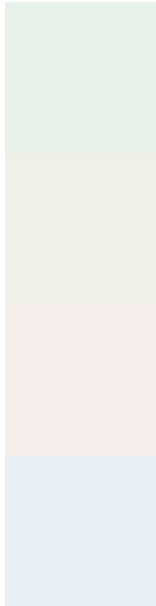
85.8031, 86.1618, 91.4655



Tritanopia

82.5562, 85.8615, 106.8295

Trichromacy



Original Color

79.0932, 86.2104, 89.5624

Protanomaly

81.3672, 86.0845, 88.6714

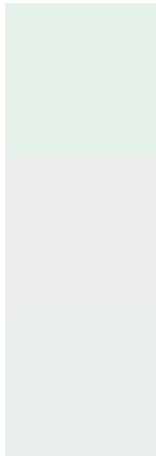
Deuteranomaly

83.2856, 86.1594, 90.8381

Tritanomaly

81.2593, 85.7720, 100.2685

Monochromacy



Original Color

79.0932, 86.2104, 89.5624

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.9385, 85.2816, 91.6047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0932, 86.2104, 89.5624 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, 242, 233) looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 233)  
}
```

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, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.0932, 86.2104, 89.5624 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, 242, 233) }
```


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

```
.border{ border-color:rgb(230, 242, 233) }
```

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

Here you see how a box with a 4 pixel rgb(230, 242, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0932, 86.2104, 89.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 233) }
```

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

```
.background{ background-color: rgb(230,  
242, 233) }
```

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