

Converting Colors

XYZ(79.8215, 86.1723, 92.5708)

Have a look what the booklet for
XYZ(79.8215, 86.1723, 92.5708)
contains.

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Color

**XYZ(79.6964, 86.0139,
92.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F1ED
RGB	231, 241, 237
RGB Percent	91%, 95%, 93%
CMY	0.0941, 0.0549, 0.0706
CMYK	0.04, 0.00, 0.02, 0.05
HSL	156°, 26%, 93%
HSV	156°, 4%, 95%
XYZ	79.6964, 86.0139, 92.5227
YIQ	237.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

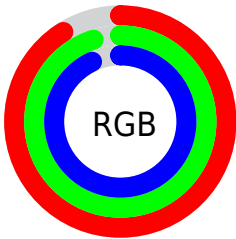
Format	Color
R _Y B	231, 237, 241
Decimal	15200749
CIE Lab	94.32, -4.02, 0.77
CIE LCh	94, 4.095, 169.173
Yxy	86.0139, 0.3086, 0.3331
Android (android.graphics.Color)	4293390829 (0xFFE7F1ED)
YUV	237.5540, -0.2731, -5.7479
Hunter-Lab	92.7437, -8.9130, 5.7718

Details

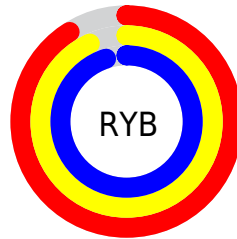
The XYZ color **79.6964, 86.0139, 92.5227** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.8501, 81.8531, 90.1922**, and the grayscale version is **80.9300, 85.1447, 92.7225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3686, 47.1481, 50.5308** is the 20% darker color. If you saturate the color by 10%, you get **71.0758, 81.7307, 84.9605**, and if you desaturate by 10%, it is **89.4310, 90.8675, 100.5363**.

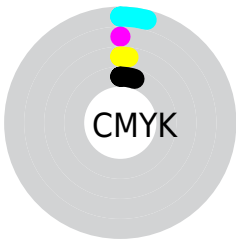
Distribution



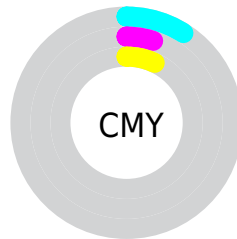
- Red (91%)
- Green (95%)
- Blue (93%)



- Red (91%)
- Yellow (93%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6964, 86.0139, 92.5227 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 79.6964, 86.0139, 92.5227 by changing the saturation by 10% instead.

■ 79.6964, 86.0139,
92.5227

■ 79.6964, 86.0139,
92.5227

482.6612,
514.9770, 556.9838

■ 59.7762, 64.6795,
69.4894

131.8916,
141.7889, 152.8036

■ 43.4870, 47.2012,
50.6361

164.8972,
176.9982, 190.8883

■ 30.4636, 33.1948,
35.5444

202.9954,
217.6013, 234.8272

■ 20.3406, 22.2757,
23.7956

246.5514,
263.9826, 285.0389

■ 12.7525, 14.0596,
14.9713

295.9306,
316.5264, 341.9418

■ 7.3342, 8.1621,
8.6528

351.4984,

■ 3.7201, 4.1989,

375.6171, 405.9546

4.4217

413.6202,
441.6392, 477.4958

■ 1.5451, 1.7854,
1.8594

■ 0.3562, 0.4781,
0.4667

■ 79.6964, 86.0139,
92.5227

■ 79.6964, 86.0139,
92.5227

■ 71.0758, 81.7307,
84.9605

■ 89.4310, 90.8675,
100.5363

■ 63.5550, 78.0035,
77.8377

■ 90.7469, 91.3938,
107.4656

■ 57.0888, 74.8114,
71.1475

■ 51.6258, 72.1281,
64.8811

■ 47.1103, 69.9252,
59.0293

■ 43.4811, 68.1711,
53.5823

■ 40.6691, 66.8303,
48.5300

■ 38.5944, 65.8620,
43.8613

■ 37.1599, 65.2161,
39.5643

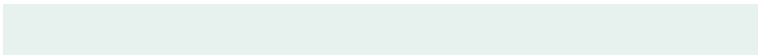
Harmonies

Analogous

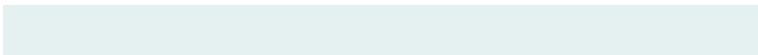
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1657, 86.0139, 89.7548



79.6964, 86.0139, 92.5227



79.7746, 86.0139, 95.6554

Triad

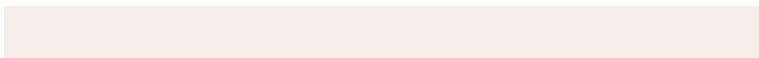
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6964, 86.0139, 92.5227



82.4493, 86.0139, 99.4855



83.1424, 86.0139, 89.1511

Complementary

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



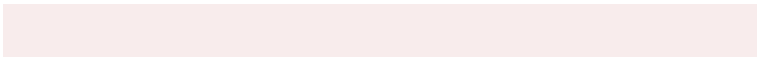
79.6964, 86.0139, 92.5227



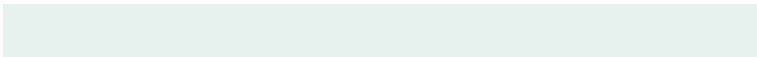
79.8501, 81.8531, 90.1922

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.



83.7651, 86.0139, 91.6817



79.6964, 86.0139, 92.5227



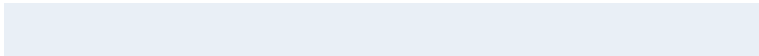
83.3624, 86.0139, 97.6655

Square

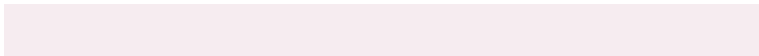
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



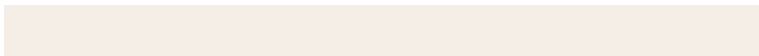
79.6964, 86.0139, 92.5227



81.3575, 86.0139, 99.7229



83.8460, 86.0139, 94.7955



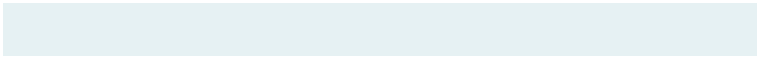
82.1511, 86.0139, 87.8374

Rectangle

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



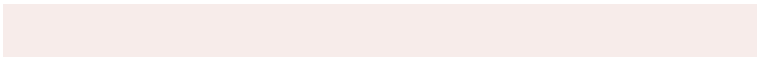
79.6964, 86.0139, 92.5227



80.1270, 86.0139, 97.5280



83.8460, 86.0139, 94.7955



83.4022, 86.0139, 89.8850

Sweetspot

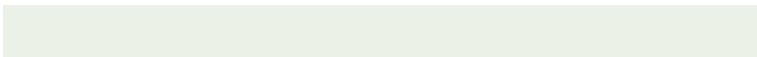
The Sweet Spot groups the original color and five complimentary colors.



79.6988, 86.0176, 92.5246



93.9542, 99.4540, 107.9933



80.1981, 86.3746, 88.0478



20.1216, 21.2930, 23.1246



0.0000, 0.0000, 0.0000



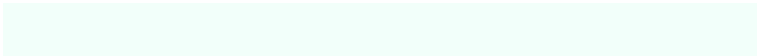
20.3446, 21.4041, 23.3091

Same Dimension

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



79.6988, 86.0176, 92.5246



89.7030, 97.3372, 104.4180



80.0443, 85.7618, 95.5582



16.6739, 18.1687, 19.4491



19.8784, 35.2434, 20.5407



1.7027, 2.9515, 1.9668

Inverse Universe

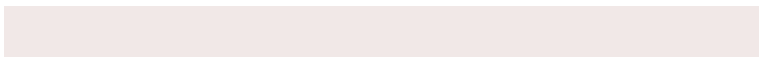
The Inverse Universe completely reimagines the original color for something new.



79.8501, 81.8531, 90.1922



89.9096, 91.6504, 101.2330



79.5119, 82.0920, 87.2573



16.7176, 16.9669, 18.7760



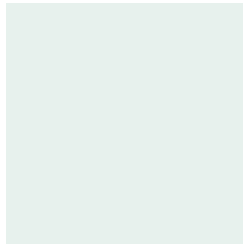
20.8901, 10.6285, 7.3378



1.7857, 0.9033, 0.8624

Previews

White Background



This preview shows how the XYZ color 79.6964, 86.0139, 92.5227 looks on a white background.

Color Contrast Check

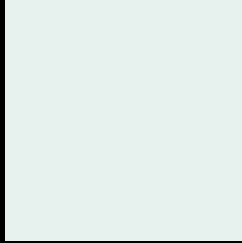
Large Text (above 18pt) WCAG AA × Fail

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 79.6964, 86.0139, 92.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

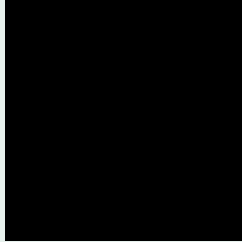
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

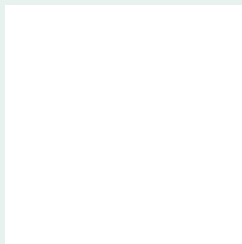
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6964, 86.0139, 92.5227

Background



This preview shows how black text looks on a background with the XYZ color 79.6964, 86.0139, 92.5227.



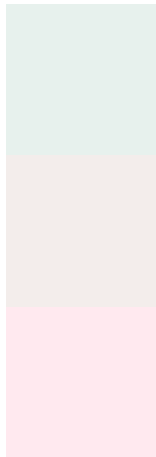
This preview shows how white text looks on a background with the XYZ color 79.6964, 86.0139,

92.5227.

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

79.6964, 86.0139, 92.5227

Protanopia

82.2417, 85.6212, 90.7892

Deuteranopia

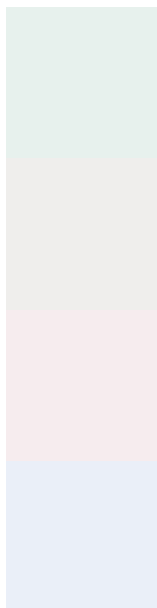
85.9589, 85.7698, 93.6861



Tritanopia

82.8855, 86.0312, 106.8449

Trichromacy



Original Color

79.6964, 86.0139, 92.5227

Protanomaly

81.3115, 85.5559, 91.5853

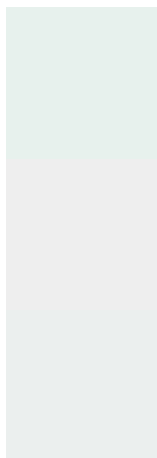
Deuteranomaly

83.4341, 85.7568, 93.0442

Tritanomaly

81.7415, 86.0027, 101.0989

Monochromacy



Original Color

79.6964, 86.0139, 92.5227

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5601, 85.5682, 93.1593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6964, 86.0139, 92.5227 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(231, 241, 237) looks like.

```
.text, #text, p{  
    color:rgb(231, 241, 237)  
}
```

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(231, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 241, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.6964, 86.0139, 92.5227 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(231, 241, 237) }
```


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

```
.border{ border-color:rgb(231, 241, 237) }
```

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

Here you see how a box with a 4 pixel rgb(231, 241, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 241,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6964, 86.0139, 92.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 241, 237) }
```

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

```
.background{ background-color: rgb(231,  
241, 237) }
```

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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