

Converting Colors

XYZ(80.0848, 86.7435, 87.4188)

Have a look what the booklet for
XYZ(80.0848, 86.7435, 87.4188)
contains.

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Color

**XYZ(79.9667, 86.7099,
87.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF2E6
RGB	234, 242, 230
RGB Percent	92%, 95%, 90%
CMY	0.0823, 0.0510, 0.0980
CMYK	0.03, 0.00, 0.05, 0.05
HSL	100°, 32%, 93%
HSV	100°, 5%, 95%
XYZ	79.9667, 86.7099, 87.3849
YIQ	238.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

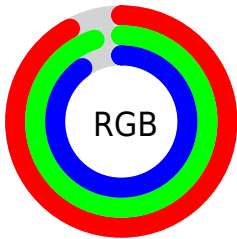
Format	Color
R _Y B	230, 242, 238
Decimal	15397606
CIE Lab	94.62, -4.77, 4.85
CIE LCh	95, 6.805, 134.493
Yxy	86.7099, 0.3148, 0.3413
Android (android.graphics.Color)	4293587686 (0xFFEAF2E6)
YUV	238.2400, -4.0623, -3.7185
Hunter-Lab	93.1182, -9.6670, 9.5432

Details

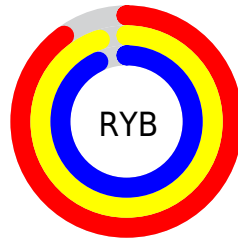
The XYZ color **79.9667, 86.7099, 87.3849** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5872, 81.1840, 95.4844**, and the grayscale version is **81.4870, 85.7307, 93.3607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6569, 47.6779, 47.4592** is the 20% darker color. If you saturate the color by 10%, you get **71.7430, 82.8387, 70.4742**, and if you desaturate by 10%, it is **89.1498, 91.0261, 106.8070**.

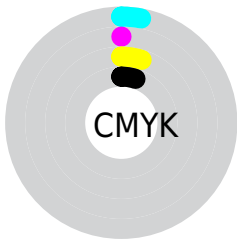
Distribution



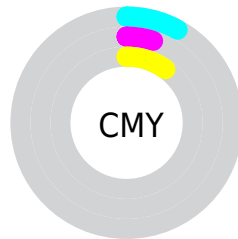
- Red (92%)
- Green (95%)
- Blue (90%)



- Red (90%)
- Yellow (95%)
- Blue (93%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9667, 86.7099, 87.3849 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 79.9667, 86.7099, 87.3849 by changing the saturation by 10% instead.

79.9667, 86.7099,
87.3849

79.9667, 86.7099,
87.3849

483.5588,
517.2691, 539.8358

59.9993, 65.2552,
65.2523

132.2697,
142.7597, 145.6041

43.6675, 47.6680,
47.2131

165.3360,
178.1236, 182.5278

30.6060, 33.5641,
32.8486

203.4993,
218.8926, 225.2190

20.4494, 22.5589,
21.7403

247.1251,
265.4512, 274.0962

12.8323, 14.2681,
13.4697

296.5785,
318.1838, 329.5779

7.3894, 8.3074,
7.6183

352.2251,

3.7553, 4.2923,

377.4747, 392.0828

3.7674

414.4301,
443.7083, 462.0292

■ 1.5646, 1.8384,
1.4986

■ 0.3692, 0.5109,
0.2169

■ 79.9667, 86.7099,
87.3849

■ 79.9667, 86.7099,
87.3849

■ 71.7430, 82.8387,
70.4742

■ 89.1498, 91.0261,
106.8070

■ 64.4392, 79.3870,
55.9668

■ 91.0439, 91.9877,
107.5646

■ 58.0237, 76.3434,
43.7552

■ 52.4604, 73.6917,
33.7216

■ 47.7102, 71.4146,
25.7375

■ 43.7309, 69.4936,
19.6611

■ 40.4758, 67.9080,
15.3325

■ 37.8924, 66.6348,
12.5657

■ 35.9185, 65.6469,
11.1322

Harmonies

Analogous

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



81.5352, 86.7099, 84.9616



79.9667, 86.7099, 87.3849



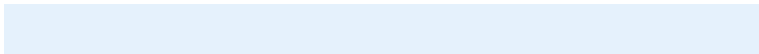
79.0613, 86.7099, 91.7359

Triad

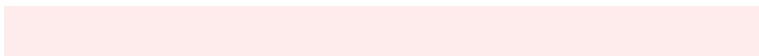
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9667, 86.7099, 87.3849



81.4753, 86.7099, 104.4896



85.8792, 86.7099, 91.9057

Complementary

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



79.9667, 86.7099, 87.3849



79.5872, 81.1840, 95.4844

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.



85.8626, 86.7099, 97.1403



79.9667, 86.7099, 87.3849



83.3014, 86.7099, 104.5392

Square

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



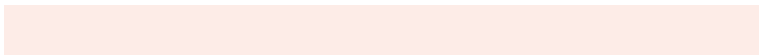
79.9667, 86.7099, 87.3849



79.9234, 86.7099, 101.6737



84.9131, 86.7099, 101.8068



84.9582, 86.7099, 87.5052

Rectangle

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



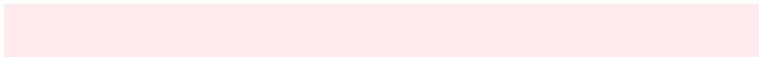
79.9667, 86.7099, 87.3849



78.9469, 86.7099, 95.2062



84.9131, 86.7099, 101.8068



85.9835, 86.7099, 93.6229

Sweetspot

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



79.9691, 86.7136, 87.3868



94.0193, 99.5158, 106.7229



81.4790, 85.7432, 87.1199



20.1349, 21.3056, 22.8660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

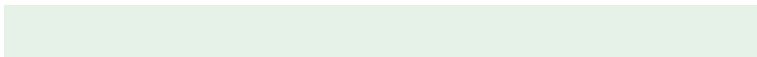
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9691, 86.7136, 87.3868



89.0292, 97.1695, 96.2679



78.9534, 86.1574, 88.8145



16.5658, 18.1493, 17.8023



18.9925, 35.1125, 5.7764



1.6816, 2.9734, 0.4853

Inverse Universe

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



79.5872, 81.1840, 95.4844



88.5112, 89.6697, 107.2507



80.6462, 81.7645, 93.9737



16.4594, 16.6078, 20.0597



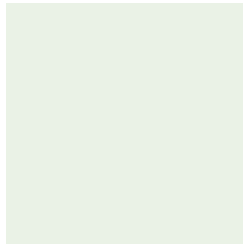
16.6969, 7.6129, 45.7173



1.4940, 0.6874, 3.8082

Previews

White Background



This preview shows how the XYZ color 79.9667, 86.7099, 87.3849 looks on a white background.

Color Contrast Check

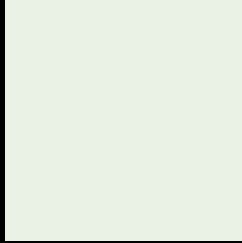
Large Text (above 18pt) WCAG AA × Fail

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 79.9667, 86.7099, 87.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

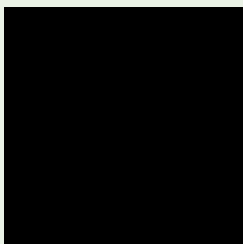
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

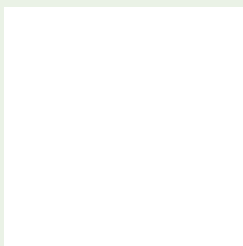
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.9667, 86.7099, 87.3849

Background



This preview shows how black text looks on a background with the XYZ color 79.9667, 86.7099, 87.3849.



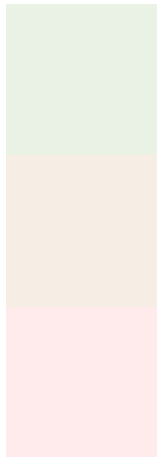
This preview shows how white text looks on a background with the XYZ color 79.9667, 86.7099,

87.3849.

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

79.9667, 86.7099, 87.3849

Protanopia

82.5842, 86.3433, 85.7121

Deuteranopia

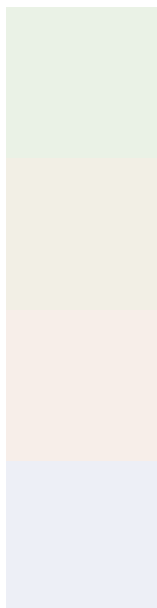
85.9437, 86.6748, 90.7975



Tritanopia

83.8844, 86.5462, 106.8916

Trichromacy



Original Color

79.9667, 86.7099, 87.3849

Protanomaly

81.6273, 86.2674, 86.4778

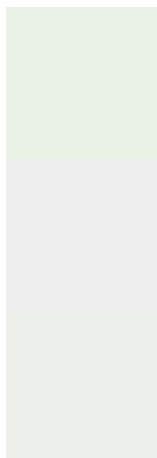
Deuteranomaly

83.6403, 86.8064, 89.4378

Tritanomaly

82.4261, 86.3913, 99.5197

Monochromacy



Original Color

79.9667, 86.7099, 87.3849

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7870, 85.7357, 90.8880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9667, 86.7099, 87.3849 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(234, 242, 230) looks like.

```
.text, #text, p{  
    color:rgb(234, 242, 230)  
}
```

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(234, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 79.9667, 86.7099, 87.3849 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(234, 242, 230) }
```


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

```
.border{ border-color:rgb(234, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9667, 86.7099, 87.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 242, 230) }
```

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

```
.background{ background-color: rgb(234,  
242, 230) }
```

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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