

Converting Colors

XYZ(81.1064, 86.8187, 85.1135)

Have a look what the booklet for
XYZ(81.1064, 86.8187, 85.1135)
contains.

XYZ(81.2556, 86.9819, 85.1796)	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(81.2556, 86.9819,
85.1796)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F1E3
RGB	240, 241, 227
RGB Percent	94%, 95%, 89%
CMY	0.0588, 0.0549, 0.1098
CMYK	0.00, 0.00, 0.06, 0.05
HSL	64°, 33%, 92%
HSV	64°, 6%, 95%
XYZ	81.2556, 86.9819, 85.1796
YIQ	239.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

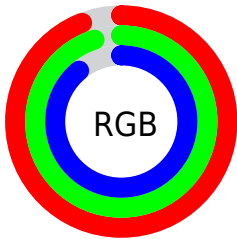
Format	Color
R _Y B	227, 241, 228
Decimal	15790563
CIE Lab	94.73, -2.74, 6.63
CIE LCh	95, 7.176, 112.487
Yxy	86.9819, 0.3206, 0.3432
Android (android.graphics.Color)	4293980643 (0xFFFF0F1E3)
YUV	239.1050, -5.9678, 0.7849
Hunter-Lab	93.2641, -7.6954, 11.1343

Details

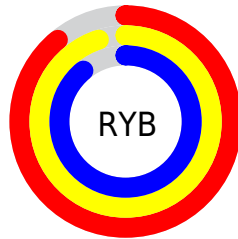
The XYZ color **81.2556, 86.9819, 85.1796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3445, 77.7854, 94.2666**, and the grayscale version is **82.1708, 86.4501, 94.1441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5625, 47.8668, 45.9203** is the 20% darker color. If you saturate the color by 10%, you get **77.5762, 85.4455, 68.8421**, and if you desaturate by 10%, it is **85.4111, 88.7150, 103.9735**.

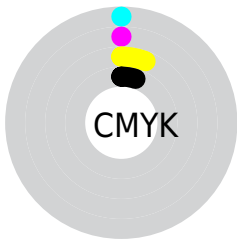
Distribution



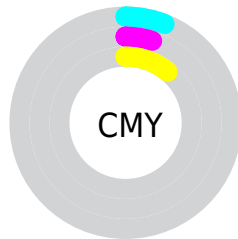
- Red (94%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2556, 86.9819, 85.1796 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 81.2556, 86.9819, 85.1796 by changing the saturation by 10% instead.

81.2556, 86.9819,
85.1796

81.2556, 86.9819,
85.1796

487.8266,
518.1634, 532.3822

61.0641, 65.4802,
63.4388

134.0709,
143.1389, 142.5005

44.5297, 47.8506,
45.7530

167.4254,
178.5630, 178.9176

31.2868, 33.7086,
31.7037

205.8984,
219.3968, 221.0639

20.9703, 22.6698,
20.8723

249.8551,
266.0245, 269.3580

13.2146, 14.3499,
12.8404

299.6609,
318.8307, 324.2183

7.6545, 8.3644,
7.1893

355.6812,

3.9246, 4.3290,

378.1996, 386.0634

3.5005

418.2813,
444.5157, 455.3119

■ 1.6596, 1.8593,
1.3555

■ 0.4308, 0.5237,
0.1067

■ 81.2556, 86.9819,
85.1796

■ 81.2556, 86.9819,
85.1796

■ 77.5762, 85.4455,
68.8421

■ 85.4111, 88.7150,
103.9735

■ 74.3464, 84.0867,
54.8541

■ 86.6277, 89.2705,
107.2729

■ 71.5481, 82.9012,
43.1090

■ 87.2287, 89.5803,
107.3010

■ 69.1591, 81.8800,
33.4900

■ 87.8353, 89.8930,
107.3294

67.1551, 81.0135,
25.8698

88.4475, 90.2086,
107.3581

65.5093, 80.2909,
20.1073

89.0655, 90.5272,
107.3870

64.1915, 79.7002,
16.0432

89.6891, 90.8486,
107.4162

63.1664, 79.2271,
13.4915

90.3184, 91.1731,
107.4456

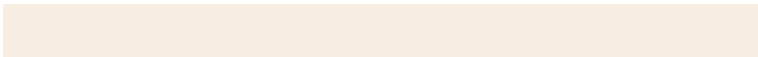
62.3901, 78.8542,
12.2220

90.7470, 91.3940,
107.4657

Harmonies

Analogous

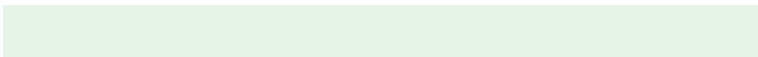
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1622, 86.9819, 84.5102



81.2556, 86.9819, 85.1796



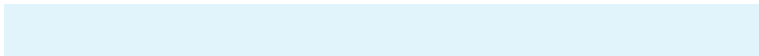
79.7509, 86.9819, 88.3530

Triad

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



81.2556, 86.9819, 85.1796



80.4237, 86.9819, 103.4349



86.4261, 86.9819, 96.1117

Complementary

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



81.2556, 86.9819, 85.1796



75.3445, 77.7854, 94.2666

Split Complementary

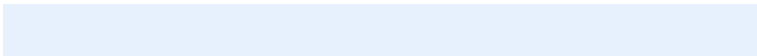
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6670, 86.9819, 101.3617



81.2556, 86.9819, 85.1796



82.1871, 86.9819, 105.6960

Square

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



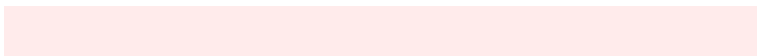
81.2556, 86.9819, 85.1796



79.2758, 86.9819, 98.8522



84.1082, 86.9819, 104.9228



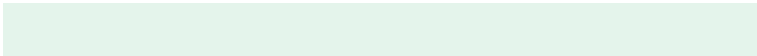
86.1673, 86.9819, 90.6822

Rectangle

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



81.2556, 86.9819, 85.1796



79.1682, 86.9819, 91.5310



84.1082, 86.9819, 104.9228



86.2811, 86.9819, 97.9587

Sweetspot

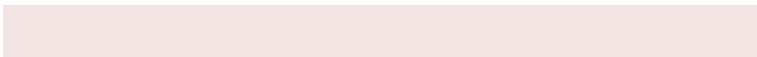
The Sweet Spot groups the original color and five complimentary colors.



81.2580, 86.9857, 85.1815



94.1052, 99.6065, 104.6264



77.8686, 79.6992, 83.9537



20.1523, 21.3240, 22.4391



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.



81.2580, 86.9857, 85.1815



91.8385, 98.6612, 94.4388



78.9496, 85.7956, 85.0735



17.1572, 18.4618, 17.4860



33.7282, 42.7091, 6.4660



2.8391, 3.5701, 0.5395

Inverse Universe

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



75.3445, 77.7854, 94.2666



83.7822, 86.1270, 106.8161



77.5879, 78.9419, 94.3716



15.5345, 15.9372, 19.9790



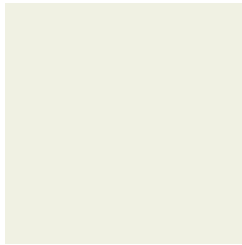
8.7783, 3.5308, 45.3467



0.7666, 0.3125, 3.7741

Previews

White Background



This preview shows how the XYZ color 81.2556, 86.9819, 85.1796 looks on a white background.

Color Contrast Check

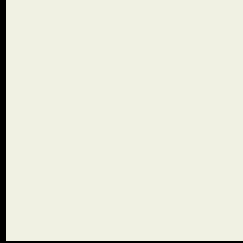
Large Text (above 18pt) WCAG AA × Fail

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 81.2556, 86.9819, 85.1796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

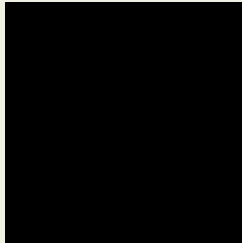
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

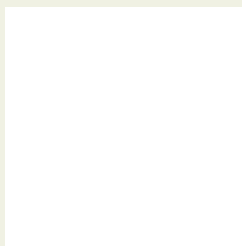
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2556, 86.9819, 85.1796

Background



This preview shows how black text looks on a background with the XYZ color 81.2556, 86.9819, 85.1796.



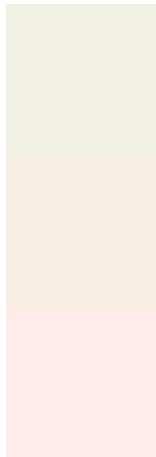
This preview shows how white text looks on a background with the XYZ color 81.2556, 86.9819,

85.1796.

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

81.2556, 86.9819, 85.1796

Protanopia

82.9517, 86.9981, 84.3718

Deuteranopia

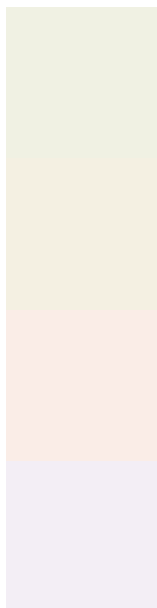
85.7996, 86.6172, 90.0386



Tritanopia

85.6424, 87.0215, 106.8907

Trichromacy



Original Color

81.2556, 86.9819, 85.1796

Protanomaly

82.1958, 87.0443, 84.4205

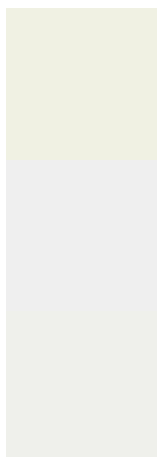
Deuteranomaly

84.1323, 86.6619, 87.8945

Tritanomaly

84.0181, 86.7963, 98.7113

Monochromacy



Original Color

81.2556, 86.9819, 85.1796

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.7521, 86.6691, 91.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2556, 86.9819, 85.1796 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(240, 241, 227) looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 227)  
}
```

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(240, 241, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 227) }
```

Border

The CSS property to change the border of an element to XYZ 81.2556, 86.9819, 85.1796 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(240, 241, 227) }
```


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

```
.border{ border-color:rgb(240, 241, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 241, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 227);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2556, 86.9819, 85.1796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 227) }
```

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

```
.background{ background-color: rgb(240,  
241, 227) }
```

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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