

Converting Colors

XYZ(82.1200, 86.1362, 81.6249)

Have a look what the booklet for
XYZ(82.1200, 86.1362, 81.6249)
contains.

XYZ(82.1171, 86.1972, 81.4169)	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(82.1171, 86.1972,
81.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EEDE
RGB	247, 238, 222
RGB Percent	97%, 93%, 87%
CMY	0.0314, 0.0666, 0.1294
CMYK	0.00, 0.04, 0.10, 0.03
HSL	38°, 61%, 92%
HSV	38°, 10%, 97%
XYZ	82.1171, 86.1972, 81.4169
YIQ	238.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

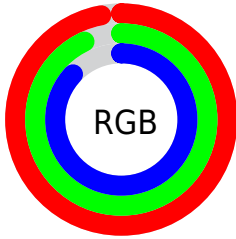
Format	Color
R _Y B	236, 247, 222
Decimal	16248542
CIE Lab	94.40, 0.37, 8.81
CIE LCh	94, 8.817, 87.620
Yxy	86.1972, 0.3288, 0.3452
Android (android.graphics.Color)	4294438622 (0xFFFF7EEDE)
YUV	238.8670, -8.3154, 7.1326
Hunter-Lab	92.8424, -4.5950, 12.9962

Details

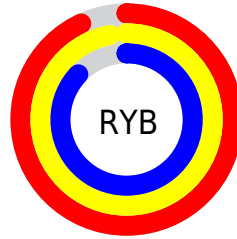
The XYZ color **82.1171, 86.1972, 81.4169** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4883, 79.3952, 99.3426**, and the grayscale version is **81.9996, 86.2699, 93.9480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1889, 47.3223, 43.3116** is the 20% darker color. If you saturate the color by 10%, you get **76.5230, 79.9239, 64.3984**, and if you desaturate by 10%, it is **88.3287, 92.9276, 101.0360**.

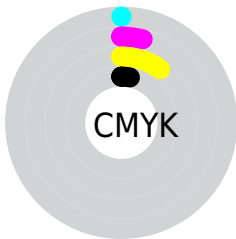
Distribution



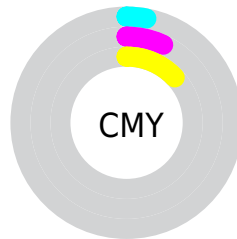
- Red (97%)
- Green (93%)
- Blue (87%)



- Red (93%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1171, 86.1972, 81.4169 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 82.1171, 86.1972, 81.4169 by changing the saturation by 10% instead.

82.1171, 86.1972,
81.4169

82.1171, 86.1972,
81.4169

490.6679,
515.5812, 519.5273

61.7765, 64.8311,
60.3520

135.2732,
142.0446, 137.1853

45.1070, 47.3241,
43.2753

168.8194,
177.2947, 172.7259

31.7434, 33.2919,
29.7682

207.4981,
217.9416, 213.9289

21.3202, 22.3502,
19.4121

251.6748,
264.3696, 261.2127

13.4720, 14.1144,
11.7886

301.7147,
316.9632, 314.9959

7.8336, 8.2003,
6.4791

357.9833,

4.0396, 4.2234,

376.1067, 375.6970

3.0651

420.8459,
442.1846, 443.7347

■ 1.7245, 1.7993,
1.1280

■ 0.4716, 0.4867,
0.0000

■ 82.1171, 86.1972,
81.4169

■ 82.1171, 86.1972,
81.4169

■ 76.5230, 79.9239,
64.3984

■ 88.3287, 92.9276,
101.0360

■ 71.5165, 74.0842,
49.8637

■ 92.1681, 98.5143,
108.7651

■ 67.0756, 68.6693,
37.6953

■ 63.1739, 63.6655,
27.7641

■ 59.7827, 59.0582,
19.9282

■ 56.8702, 54.8315,
14.0297

■ 54.4000, 50.9676,
9.8875

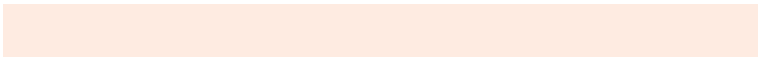
■ 52.3292, 47.4460,
7.2861

■ 50.6070, 44.2721,
5.8781

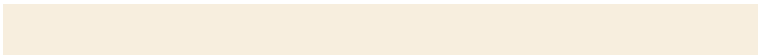
Harmonies

Analogous

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



84.3909, 86.1972, 83.2650



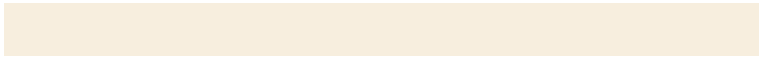
82.1171, 86.1972, 81.4169



79.8347, 86.1972, 82.7659

Triad

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



82.1171, 86.1972, 81.4169



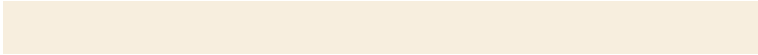
77.9587, 86.1972, 100.0313



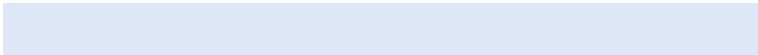
85.8342, 86.1972, 101.0133

Complementary

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



82.1171, 86.1972, 81.4169



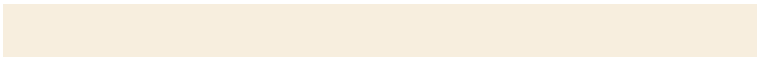
75.4883, 79.3952, 99.3426

Split Complementary

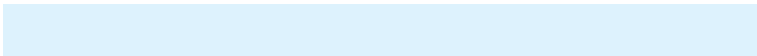
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0573, 86.1972, 105.8908



82.1171, 86.1972, 81.4169



79.5132, 86.1972, 105.3050

Square

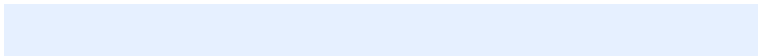
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1171, 86.1972, 81.4169



77.4615, 86.1972, 93.3136



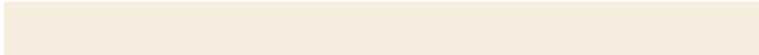
81.7389, 86.1972, 107.4975



86.5626, 86.1972, 94.3967

Rectangle

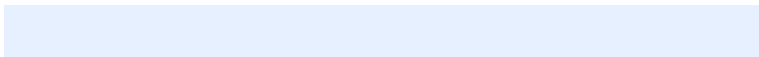
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.1171, 86.1972, 81.4169



78.6097, 86.1972, 85.3347



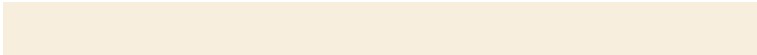
81.7389, 86.1972, 107.4975



85.3381, 86.1972, 102.9225

Sweetspot

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



82.1195, 86.2010, 81.4187



92.9708, 97.7734, 102.2512



78.9274, 77.7968, 86.5822



19.7828, 20.8018, 21.5150



0.0000, 0.0000, 0.0000



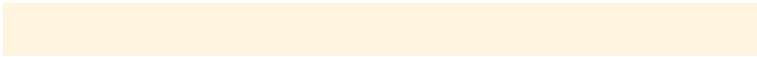
20.3446, 21.4041, 23.3091

Same Dimension

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



82.1195, 86.2010, 81.4187



87.0966, 91.3589, 83.8493



83.6391, 90.9698, 82.2591



17.3840, 18.2520, 17.4043



26.9036, 23.6927, 3.1552



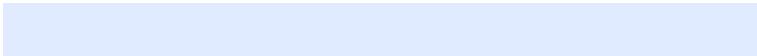
2.4617, 2.2766, 0.3097

Inverse Universe

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



75.4883, 79.3952, 99.3426



78.7404, 82.7830, 106.4364



74.0662, 75.0204, 98.5731



16.0692, 16.9026, 20.9582



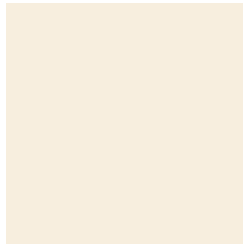
10.8847, 7.5632, 47.4242



1.0504, 0.8523, 4.1994

Previews

White Background



This preview shows how the XYZ color 82.1171, 86.1972, 81.4169 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 82.1171, 86.1972, 81.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

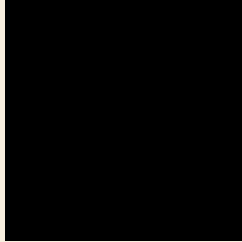
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1171, 86.1972, 81.4169

Background



This preview shows how black text looks on a background with the XYZ color 82.1171, 86.1972, 81.4169.



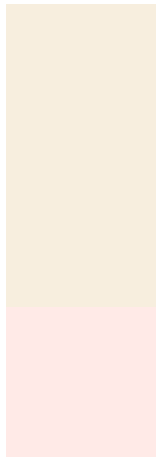
This preview shows how white text looks on a background with the XYZ color 82.1171, 86.1972,

81.4169.

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

82.1171, 86.1972, 81.4169

Protanopia

82.1171, 86.1972, 81.4169

Deuteranopia

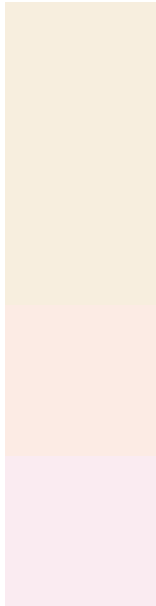
85.0866, 85.8752, 87.6923



Tritanopia

86.7772, 86.3831, 104.1954

Trichromacy



Original Color

82.1171, 86.1972, 81.4169

Protanomaly

82.1171, 86.1972, 81.4169

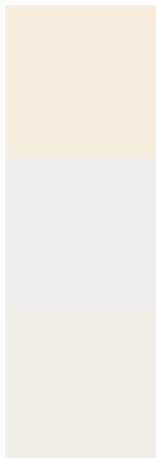
Deuteranomaly

83.8568, 85.7135, 85.5234

Tritanomaly

85.0099, 86.0915, 95.3559

Monochromacy



Original Color

82.1171, 86.1972, 81.4169

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.1924, 86.4934, 89.4537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1171, 86.1972, 81.4169 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(247, 238, 222) looks like.

```
.text, #text, p{  
    color:rgb(247, 238, 222)  
}
```

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(247, 238, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 238, 222) }
```

Border

The CSS property to change the border of an element to XYZ 82.1171, 86.1972, 81.4169 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(247, 238, 222) }
```


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

```
.border{ border-color:rgb(247, 238, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 238, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 238, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 238, 222);  
box-shadow:4px 4px 4px 4px rgb(247, 238,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1171, 86.1972, 81.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 238, 222) }
```

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

```
.background{ background-color: rgb(247,  
238, 222) }
```

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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