

Converting Colors

XYZ(81.1220, 86.3968, 74.9108)

Have a look what the booklet for
XYZ(81.1220, 86.3968, 74.9108)
contains.

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Color

**XYZ(81.1079, 86.2606,
74.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EFD4
RGB	247, 239, 212
RGB Percent	97%, 94%, 83%
CMY	0.0314, 0.0627, 0.1686
CMYK	0.00, 0.03, 0.14, 0.03
HSL	46°, 69%, 90%
HSV	46°, 14%, 97%
XYZ	81.1079, 86.2606, 74.6625
YIQ	238.3140, 13.4350, -6.7010

Conversions

Conversions Part 2

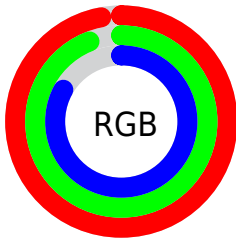
Format	Color
RYB	222, 247, 212
Decimal	16248788
CIELab	94.42, -1.71, 14.02
CIELCh	94, 14.125, 96.951
Yxy	86.2606, 0.3351, 0.3564
Android (android.graphics.Color)	4294438868 (0xFFFF7EFD4)
YUV	238.3140, -12.9728, 7.6176
Hunter-Lab	92.8766, -6.6523, 17.3510

Details

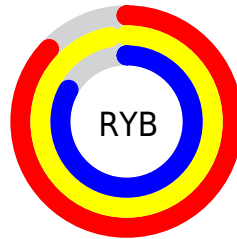
The XYZ color **81.1079, 86.2606, 74.6625** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.5329, 71.8974, 98.2091**, and the grayscale version is **81.6033, 85.8531, 93.4940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2545, 47.2484, 38.6857** is the 20% darker color. If you saturate the color by 10%, you get **76.6021, 81.8592, 58.9463**, and if you desaturate by 10%, it is **86.1467, 90.9635, 92.9100**.

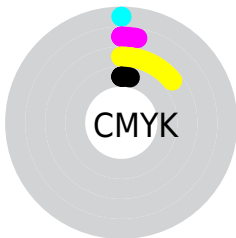
Distribution



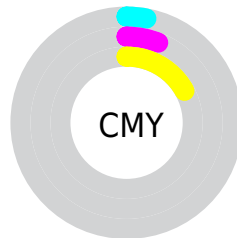
- Red (97%)
- Green (94%)
- Blue (83%)



- Red (87%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1079, 86.2606, 74.6625 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 81.1079, 86.2606, 74.6625 by changing the saturation by 10% instead.


 81.1079, 86.2606,
74.6625

 81.1079, 86.2606,
74.6625

487.3386,
515.7901, 495.9812

 60.9421, 64.8835,
54.8364


133.8646,
142.1331, 127.5772

 44.4308, 47.3666,
38.8730


167.1862,
177.3973, 161.5029

 31.2087, 33.3256,
26.3539

205.6238,
218.0592, 200.9654

 20.9104, 22.3760,
16.8604

249.5427,
264.5034, 246.3835

 13.1706, 14.1334,
9.9741

299.3083,
317.1142, 298.1756

 7.6239, 8.2135,
5.2764

355.2859,

 3.9050, 4.2319,

376.2760, 356.7602

2.3488

417.8409,
442.3732, 422.5558

■ 1.6486, 1.8041,
0.7584

■ 0.4237, 0.4897,
0.0000

■ 81.1079, 86.2606,
74.6625

■ 81.1079, 86.2606,
74.6625

■ 76.6021, 81.8592,
58.9463

■ 86.1467, 90.9635,
92.9100

■ 72.6002, 77.7382,
45.6421

■ 90.6840, 95.5461,
108.2704

■ 69.0808, 73.8912,
34.6289

■ 92.1680, 98.5143,
108.7651

■ 66.0181, 70.3072,
25.7735

■ 63.3838, 66.9740,
18.9284

■ 61.1457, 63.8781,
13.9279

■ 59.2671, 61.0038,
10.5795

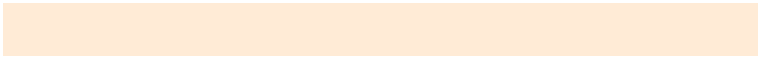
■ 57.7026, 58.3322,
8.6479

■ 56.8972, 56.8525,
7.9748

Harmonies

Analogous

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



84.8793, 86.2606, 75.9703



81.1079, 86.2606, 74.6625



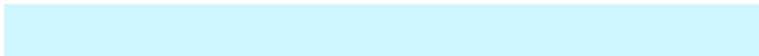
77.6780, 86.2606, 78.1878

Triad

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



81.1079, 86.2606, 74.6625



76.2920, 86.2606, 107.0586



88.8899, 86.2606, 102.3479

Complementary

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



81.1079, 86.2606, 74.6625



69.5329, 71.8974, 98.2091

Split Complementary

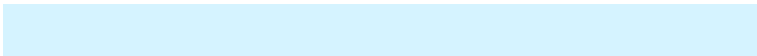
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4548, 86.2606, 111.6395



81.1079, 86.2606, 74.6625



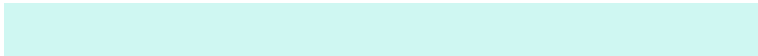
79.1633, 86.2606, 114.5024

Square

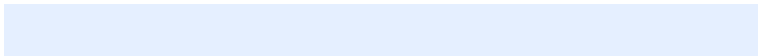
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1079, 86.2606, 74.6625



74.9537, 86.2606, 96.4759



82.8747, 86.2606, 116.2403



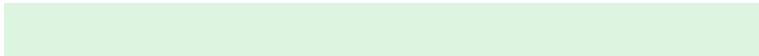
89.4494, 86.2606, 91.4158

Rectangle

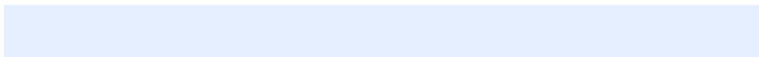
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1079, 86.2606, 74.6625



76.0206, 86.2606, 82.9775



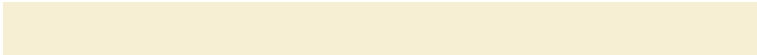
82.8747, 86.2606, 116.2403



88.2600, 86.2606, 105.7913

Sweetspot

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



81.1102, 86.2644, 74.6643



92.7121, 97.8828, 100.2330



74.8426, 72.0384, 77.7873



19.7524, 20.8670, 21.1160



0.0000, 0.0000, 0.0000



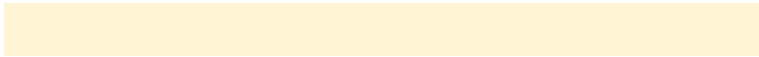
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1102, 86.2644, 74.6643



85.7615, 91.3597, 75.1702



80.2933, 89.3952, 75.3117



17.5749, 18.6340, 17.4680



30.2032, 30.2920, 4.2551



2.7310, 2.8153, 0.3995

Inverse Universe

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



69.5329, 71.8974, 98.2091



71.1031, 73.1701, 104.9835



70.2535, 69.2281, 97.6559



15.8882, 16.5408, 20.8979



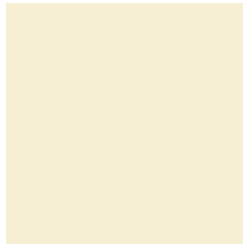
9.7255, 5.2447, 47.0378



0.9294, 0.6103, 4.1590

Previews

White Background



This preview shows how the XYZ color 81.1079, 86.2606, 74.6625 looks on a white background.

Color Contrast Check

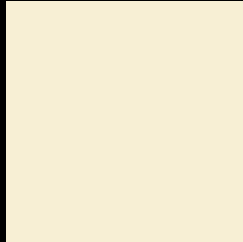
Large Text (above 18pt) WCAG AA × Fail

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 81.1079, 86.2606, 74.6625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

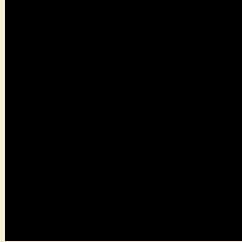
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

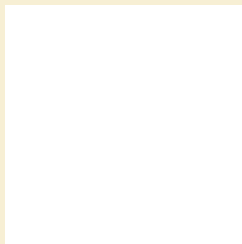
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1079, 86.2606, 74.6625

Background



This preview shows how black text looks on a background with the XYZ color 81.1079, 86.2606, 74.6625.



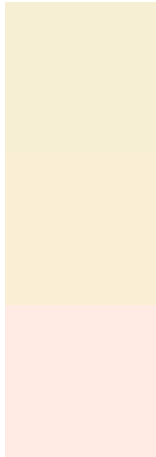
This preview shows how white text looks on a background with the XYZ color 81.1079, 86.2606,

74.6625.

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

81.1079, 86.2606, 74.6625

Protanopia

81.8825, 86.2265, 74.6151

Deuteranopia

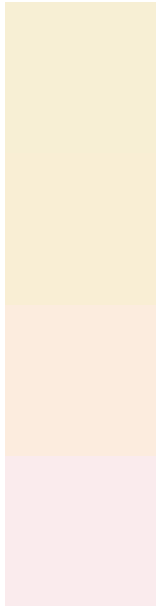
84.8135, 86.2227, 84.8455



Tritanopia

86.8545, 86.0015, 104.1177

Trichromacy



Original Color

81.1079, 86.2606, 74.6625

Protanomaly

81.5251, 86.0423, 74.5983

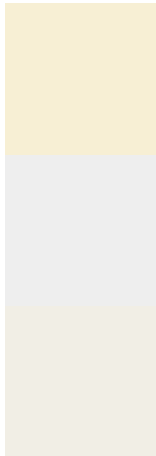
Deuteranomaly

83.3252, 85.9603, 81.3075

Tritanomaly

84.4187, 85.8551, 92.2431

Monochromacy



Original Color

81.1079, 86.2606, 74.6625

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.9930, 85.5070, 86.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1079, 86.2606, 74.6625 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, 239, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 212)  
}
```

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, 239, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 212) }
```

Border

The CSS property to change the border of an element to XYZ 81.1079, 86.2606, 74.6625 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, 239, 212) }
```


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

```
.border{ border-color:rgb(247, 239, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1079, 86.2606, 74.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 212) }
```

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

```
.background{ background-color: rgb(247,  
239, 212) }
```

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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