

Converting Colors

XYZ(80.7256, 87.1109, 74.0493)

Have a look what the booklet for
XYZ(80.7256, 87.1109, 74.0493)
contains.

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Color

**XYZ(80.5214, 86.8468,
74.1472)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F1D3
RGB	244, 241, 211
RGB Percent	96%, 95%, 83%
CMY	0.0431, 0.0549, 0.1725
CMYK	0.00, 0.01, 0.14, 0.04
HSL	55°, 60%, 89%
HSV	55°, 14%, 96%
XYZ	80.5214, 86.8468, 74.1472
YIQ	238.4770, 11.4180, -8.6940

Conversions

Conversions Part 2

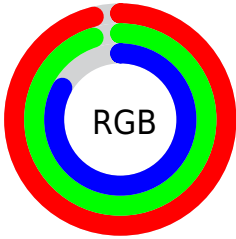
Format	Color
RYB	214, 244, 211
Decimal	16052691
CIELab	94.67, -3.93, 14.86
CIElCh	95, 15.369, 104.819
Yxy	86.8468, 0.3334, 0.3596
Android (android.graphics.Color)	4294242771 (0xFFFF4F1D3)
YUV	238.4770, -13.5462, 4.8437
Hunter-Lab	93.1916, -8.8540, 18.0605

Details

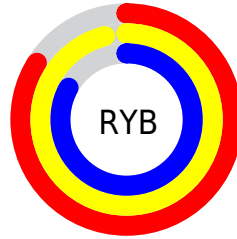
The XYZ color **80.5214, 86.8468, 74.1472** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.2396, 68.4725, 95.2613**, and the grayscale version is **81.7353, 85.9919, 93.6451**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0887, 47.7896, 38.3531** is the 20% darker color. If you saturate the color by 10%, you get **77.0411, 84.4150, 59.0237**, and if you desaturate by 10%, it is **84.4788, 89.4880, 91.7225**.

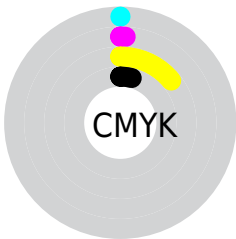
Distribution



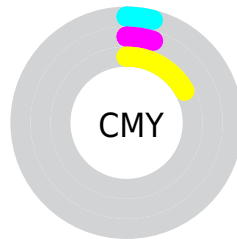
- Red (96%)
- Green (95%)
- Blue (83%)



- Red (84%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5214, 86.8468, 74.1472 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 80.5214, 86.8468, 74.1472 by changing the saturation by 10% instead.

80.5214, 86.8468,
74.1472

80.5214, 86.8468,
74.1472

485.3981,
517.7193, 494.1582

60.4574, 65.3684,
54.4170

133.0452,
142.9506, 126.8404

44.0383, 47.7599,
38.5397

166.2358,
178.3448, 160.6405

30.8987, 33.6368,
26.0968

204.5326,
219.1464, 199.9677

20.6732, 22.6147,
16.6696

248.3011,
265.7398, 245.2405

12.9964, 14.3093,
9.8398

297.9065,
318.5094, 296.8773

7.5030, 8.3361,
5.1886

353.7142,

3.8278, 4.3107,

377.8396, 355.2969

2.2977

416.0896,
444.1148, 420.9177

■ 1.6052, 1.8489,
0.7299

■ 0.3958, 0.5174,
0.0000

■ 80.5214, 86.8468,
74.1472

■ 80.5214, 86.8468,
74.1472

■ 77.0411, 84.4150,
59.0237

■ 84.4788, 89.4880,
91.7225

■ 74.0099, 82.1726,
46.2367

■ 88.1428, 92.0217,
107.7241

■ 71.4077, 80.1146,
35.6696

■ 88.8184, 93.3729,
107.9493

■ 69.2100, 78.2309,
27.1939

■ 89.5020, 94.7402,
108.1772

67.3900, 76.5109,
20.6677

90.1938, 96.1237,
108.4077

65.9172, 74.9423,
15.9318

90.8936, 97.5233,
108.6410

64.7566, 73.5110,
12.8015

91.1186, 97.9733,
108.7160

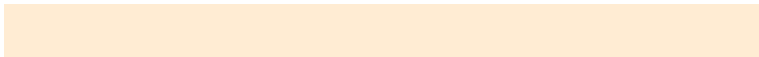
63.8656, 72.2001,
11.0524

63.3914, 71.3988,
10.4403

Harmonies

Analogous

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



84.6522, 86.8468, 74.1789



80.5214, 86.8468, 74.1472



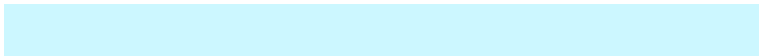
77.0482, 86.8468, 79.2618

Triad

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



80.5214, 86.8468, 74.1472



77.0143, 86.8468, 111.5992



90.4872, 86.8468, 100.6720

Complementary

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



80.5214, 86.8468, 74.1472



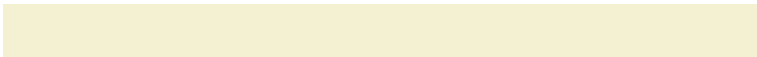
67.2396, 68.4725, 95.2613

Split Complementary

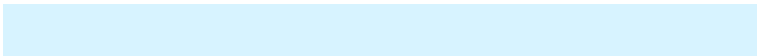
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2977, 86.8468, 111.7131



80.5214, 86.8468, 74.1472



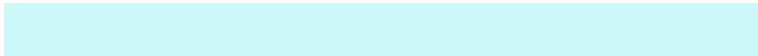
80.4736, 86.8468, 118.3724

Square

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



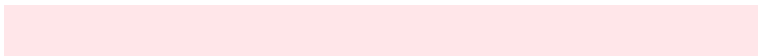
80.5214, 86.8468, 74.1472



75.0700, 86.8468, 100.5269



84.6028, 86.8468, 118.4157



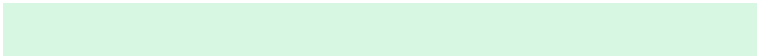
90.5011, 86.8468, 88.8367

Rectangle

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



80.5214, 86.8468, 74.1472



75.5335, 86.8468, 85.1688



84.6028, 86.8468, 118.4157



89.9781, 86.8468, 104.6203

Sweetspot

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



80.5237, 86.8506, 74.1491



93.1563, 98.7711, 100.3811



72.7795, 70.6932, 73.6299



19.8651, 21.0925, 21.1536



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.



80.5237, 86.8506, 74.1491



87.9932, 95.3053, 77.5104



77.0000, 86.3611, 74.2403



17.7786, 19.0412, 17.5359



34.5216, 38.9287, 5.6945



3.0710, 3.4953, 0.5128

Inverse Universe

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



67.2396, 68.4725, 95.2613



70.8862, 71.6388, 104.6993



70.4270, 69.0007, 95.1953



15.7021, 16.1684, 20.8358



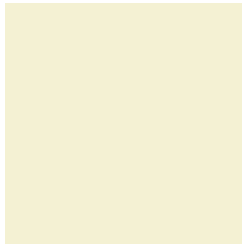
9.0777, 3.9492, 46.8219



0.8381, 0.4277, 4.1286

Previews

White Background



This preview shows how the XYZ color 80.5214, 86.8468, 74.1472 looks on a white background.

Color Contrast Check

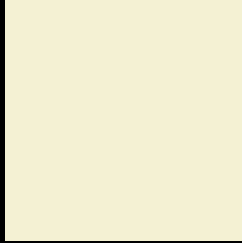
Large Text (above 18pt) WCAG AA × Fail

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 80.5214, 86.8468, 74.1472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

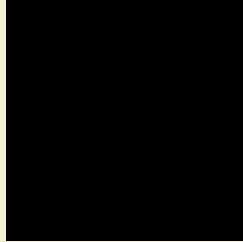
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

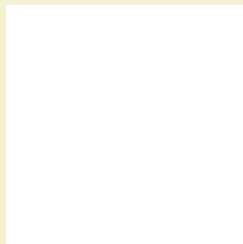
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5214, 86.8468, 74.1472

Background



This preview shows how black text looks on a background with the XYZ color 80.5214, 86.8468, 74.1472.

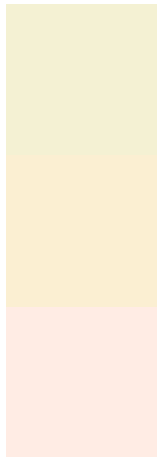


This preview shows how white text looks on a background with the XYZ color 80.5214, 86.8468,

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

80.5214, 86.8468, 74.1472

Protanopia

82.2830, 86.8954, 73.4085

Deuteranopia

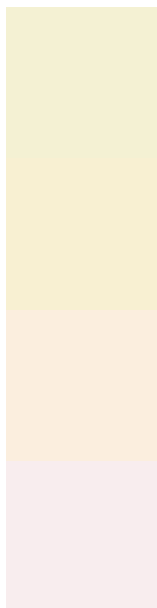
85.2390, 86.8523, 85.6704



Tritanopia

86.8623, 86.8325, 105.1107

Trichromacy



Original Color

80.5214, 86.8468, 74.1472

Protanomaly

81.5043, 86.9298, 73.4562

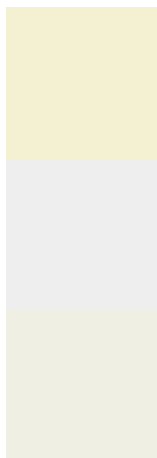
Deuteranomaly

83.5430, 86.9322, 81.4836

Tritanomaly

84.4282, 86.6979, 93.1734

Monochromacy



Original Color

80.5214, 86.8468, 74.1472

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.8053, 85.8597, 85.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5214, 86.8468, 74.1472 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(244, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 211)  
}
```

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(244, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 211) }
```

Border

The CSS property to change the border of an element to XYZ 80.5214, 86.8468, 74.1472 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(244, 241, 211) }
```


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

```
.border{ border-color:rgb(244, 241, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5214, 86.8468, 74.1472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 241, 211) }
```

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

```
.background{ background-color: rgb(244,  
241, 211) }
```

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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