

Converting Colors

XYZ(81.8431, 83.1728, 74.9436)

Have a look what the booklet for
XYZ(81.8431, 83.1728, 74.9436)
contains.

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Color

**XYZ(81.8262, 83.2159,
74.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7D5
RGB	255, 231, 213
RGB Percent	100%, 91%, 84%
CMY	0.0000, 0.0941, 0.1647
CMYK	0.00, 0.09, 0.16, 0.00
HSL	26°, 100%, 92%
HSV	26°, 16%, 100%
XYZ	81.8262, 83.2159, 74.7004
YIQ	236.1240, 20.0820, -0.5100

Conversions

Conversions Part 2

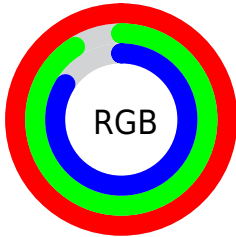
Format	Color
R_{YB}	255, 245, 213
Decimal	16771029
CIE _{Lab}	93.11, 5.35, 11.72
CIE _{LCh}	93, 12.889, 65.458
Yxy	83.2159, 0.3413, 0.3471
Android (android.graphics.Color)	4294961109 (0xFFFFE7D5)
YUV	236.1240, -11.4001, 16.5543
Hunter-Lab	91.2227, 0.4735, 15.3046

Details

The XYZ color **81.8262, 83.2159, 74.7004** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7740, 81.9323, 106.4285**, and the grayscale version is **79.8992, 84.0602, 91.5416**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7902, 45.1343, 38.6989** is the 20% darker color. If you saturate the color by 10%, you get **74.9316, 74.2057, 57.6697**, and if you desaturate by 10%, it is **89.5729, 93.1155, 94.5281**.

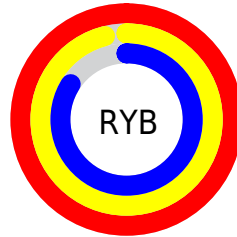
Distribution



Red (100%)

Green (91%)

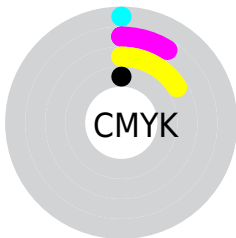
Blue (84%)



Red (100%)

Yellow (96%)

Blue (84%)

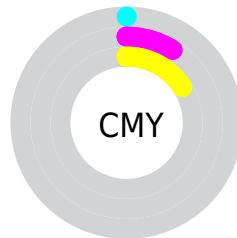


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8262, 83.2159, 74.7004 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 81.8262, 83.2159, 74.7004 by changing the saturation by 10% instead.


 81.8262, 83.2159,
74.7004

 81.8262, 83.2159,
74.7004


489.7095,
505.7058, 496.1151

 61.5359, 62.3683,
54.8672

134.8673,
137.8778, 127.6314

 44.9120, 45.3303,
38.8975


168.3489,
172.4609, 161.5662

 31.5891, 31.7177,
26.3728


206.9583,
212.3912, 201.0388

 21.2019, 21.1460,
16.8745

251.0608,
258.0532, 246.4675

 13.3849, 13.2307,
9.9840

301.0218,
309.8313, 298.2709

 7.7730, 7.5876,
5.2829

357.2067,

 4.0006, 3.8322,

368.1098, 356.8677

2.3526

419.9808,
433.2732, 422.6762

■ 1.7025, 1.5802,
0.7604

■ 0.4578, 0.3442,
0.0000

■ 81.8262, 83.2159,
74.7004

■ 81.8262, 83.2159,
74.7004

■ 74.9316, 74.2057,
57.6697

■ 89.5729, 93.1155,
94.5281

■ 68.8516, 66.0485,
43.3030

95.0500, 100.0000,
108.9000

■ 63.5540, 58.7204,
31.4645

■ 59.0017, 52.1925,
22.0039

■ 55.1546, 46.4337,
14.7549

■ 51.9678, 41.4106,
9.5293

■ 49.3899, 37.0862,
6.1068

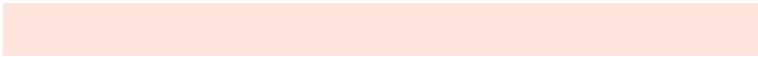
■ 47.3586, 33.4182,
4.2128

■ 46.7425, 32.2649,
3.7642

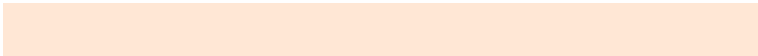
Harmonies

Analogous

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



84.5103, 83.2159, 80.2278



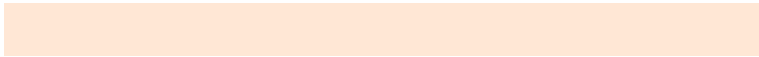
81.8262, 83.2159, 74.7004



78.4773, 83.2159, 73.3040

Triad

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



81.8262, 83.2159, 74.7004



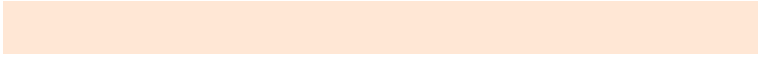
72.7957, 83.2159, 92.3909



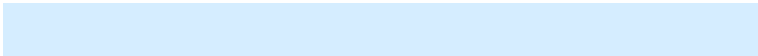
82.9269, 83.2159, 106.6405

Complementary

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



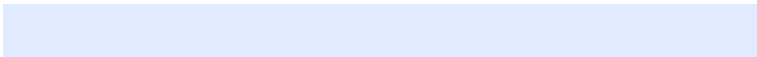
81.8262, 83.2159, 74.7004



75.7740, 81.9323, 106.4285

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.



79.7143, 83.2159, 110.4409



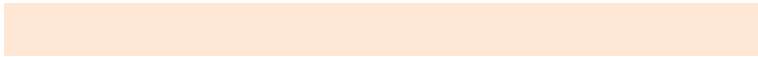
81.8262, 83.2159, 74.7004



73.9146, 83.2159, 101.8470

Square

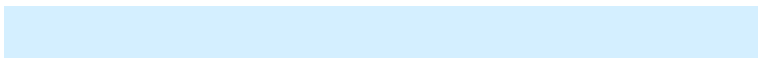
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8262, 83.2159, 74.7004



73.3250, 83.2159, 83.0902



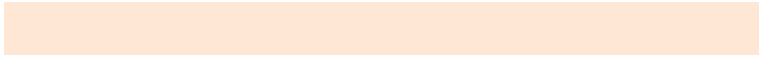
76.4237, 83.2159, 108.6273



85.1584, 83.2159, 98.5660

Rectangle

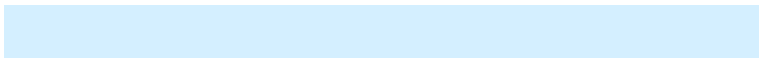
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8262, 83.2159, 74.7004



76.3317, 83.2159, 74.8110



76.4237, 83.2159, 108.6273



81.9226, 83.2159, 108.4855

Sweetspot

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



81.8281, 83.2194, 74.7021



90.7847, 94.6460, 97.6850



80.3941, 74.9931, 90.7428



19.3072, 20.1010, 20.5839



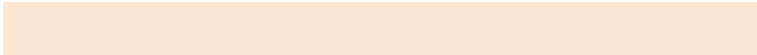
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



81.8281, 83.2194, 74.7021



79.2983, 79.9380, 68.3769



87.9041, 95.3715, 76.7275



18.6497, 19.2675, 18.8804



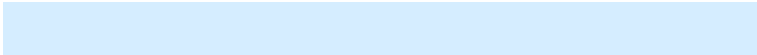
24.5651, 17.1415, 2.0139



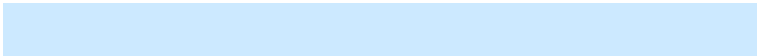
2.4977, 1.8807, 0.2314

Inverse Universe

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



75.7740, 81.9323, 106.4285



72.1295, 78.4126, 105.9413



70.1757, 70.7356, 104.5624



17.8646, 19.1008, 22.9952



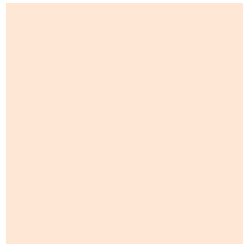
14.9282, 14.7660, 51.4979



1.5620, 1.6547, 5.0503

Previews

White Background



This preview shows how the XYZ color 81.8262, 83.2159, 74.7004 looks on a white background.

Color Contrast Check

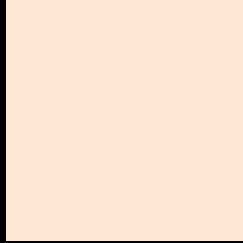
Large Text (above 18pt) WCAG AA × Fail

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 81.8262, 83.2159, 74.7004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

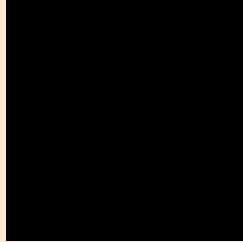
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8262, 83.2159, 74.7004

Background



This preview shows how black text looks on a background with the XYZ color 81.8262, 83.2159, 74.7004.



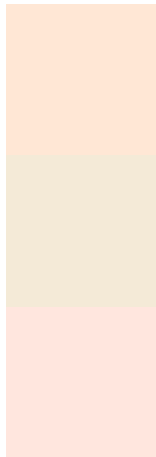
This preview shows how white text looks on a background with the XYZ color 81.8262, 83.2159,

74.7004.

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

81.8262, 83.2159, 74.7004

Protanopia

78.9968, 82.9850, 76.1441

Deuteranopia

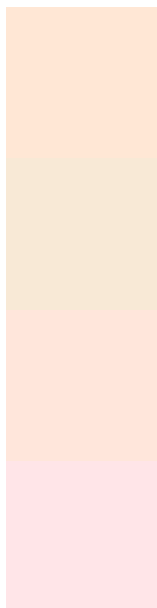
82.7216, 83.1276, 80.7926



Tritanopia

85.1611, 83.2179, 96.3682

Trichromacy



Original Color

81.8262, 83.2159, 74.7004

Protanomaly

79.9879, 83.0893, 75.4404

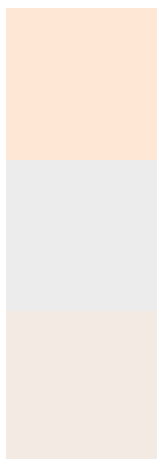
Deuteranomaly

82.3230, 82.9681, 78.6934

Tritanomaly

83.8248, 83.1248, 87.9706

Monochromacy



Original Color

81.8262, 83.2159, 74.7004

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3886, 83.5018, 85.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8262, 83.2159, 74.7004 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(255, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 213)  
}
```

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(255, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 81.8262, 83.2159, 74.7004 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(255, 231, 213) }
```


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

```
.border{ border-color:rgb(255, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8262, 83.2159, 74.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 213) }
```

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

```
.background{ background-color: rgb(255,  
231, 213) }
```

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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