

Converting Colors

XYZ(78.8470, 81.1656, 71.0306)

Have a look what the booklet for
XYZ(78.8470, 81.1656, 71.0306)
contains.

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Color

**XYZ(79.1063, 81.4717,
71.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6D0
RGB	250, 230, 208
RGB Percent	98%, 90%, 82%
CMY	0.0196, 0.0980, 0.1843
CMYK	0.00, 0.08, 0.17, 0.02
HSL	31°, 81%, 90%
HSV	31°, 17%, 98%
XYZ	79.1063, 81.4717, 71.2308
YIQ	233.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

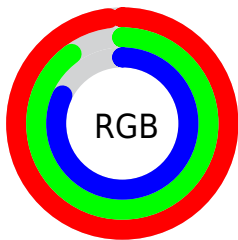
Format	Color
R _Y B	246, 250, 208
Decimal	16443088
CIE Lab	92.34, 3.33, 13.18
CIE LCh	92, 13.590, 75.804
Yxy	81.4717, 0.3413, 0.3515
Android (android.graphics.Color)	4294633168 (0xFFFAE6D0)
YUV	233.4720, -12.5577, 14.4951
Hunter-Lab	90.2617, -1.5186, 16.3939

Details

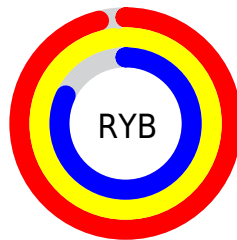
The XYZ color **79.1063, 81.4717, 71.2308** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0107, 75.7971, 101.3307**, and the grayscale version is **77.8914, 81.9478, 89.2411**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1550, 44.3305, 36.8540** is the 20% darker color. If you saturate the color by 10%, you get **73.0705, 73.9400, 55.2213**, and if you desaturate by 10%, it is **85.8576, 89.6569, 89.8725**.

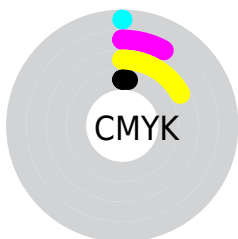
Distribution



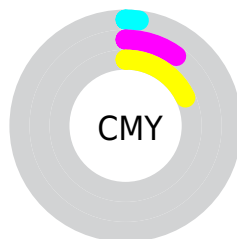
- Red (98%)
- Green (90%)
- Blue (82%)



- Red (96%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1063, 81.4717, 71.2308 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 79.1063, 81.4717, 71.2308 by changing the saturation by 10% instead.


 79.1063, 81.4717,
71.2308

 79.1063, 81.4717,
71.2308


480.6984,
499.8788, 483.7652

 59.2891, 60.9302,
52.0476


131.0656,
135.4329, 122.6598

 43.0932, 44.1688,
36.6605


163.9385,
169.6213, 155.7427

 30.1531, 30.8032,
24.6510


201.8940,
209.1276, 194.2959

 20.1035, 20.4491,
15.6006

245.2975,
254.3359, 238.7379

 12.5790, 12.7219,
9.0907

294.5144,
305.6308, 289.4873

 7.2143, 7.2373,
4.7028

349.9099,

 3.6440, 3.6110,

363.3967, 346.9626

2.0183

411.8494,
428.0179, 411.5824

■ 1.5028, 1.4584,
0.5665

■ 0.3277, 0.2592,
0.0000

■ 79.1063, 81.4717,
71.2308

■ 79.1063, 81.4717,
71.2308

■ 73.0705, 73.9400,
55.2213

■ 85.8576, 89.6569,
89.8725

■ 67.7164, 67.0330,
41.7181

■ 92.8561, 98.3071,
108.6889

■ 63.0171, 60.7352,
30.5926

■ 93.2346, 99.0641,
108.8150

■ 58.9412, 55.0264,
21.7024

■ 55.4540, 49.8848,
14.8899

■ 52.5170, 45.2869,
9.9765

■ 50.0852, 41.2061,
6.7527

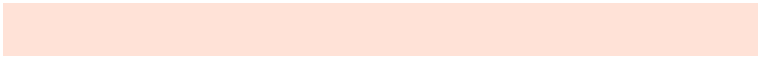
■ 48.1033, 37.6115,
4.9542

■ 47.5385, 36.5520,
4.5497

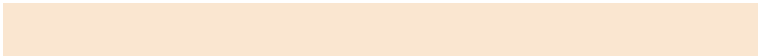
Harmonies

Analogous

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



82.2457, 81.4717, 75.5385



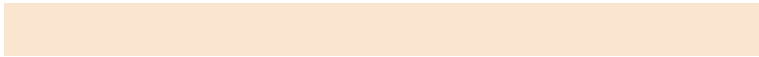
79.1063, 81.4717, 71.2308



75.6097, 81.4717, 71.3523

Triad

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



79.1063, 81.4717, 71.2308



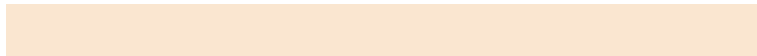
71.1117, 81.4717, 94.0871



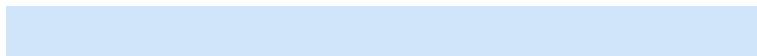
82.3854, 81.4717, 102.9027

Complementary

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



79.1063, 81.4717, 71.2308



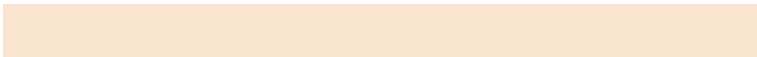
71.0107, 75.7971, 101.3307

Split Complementary

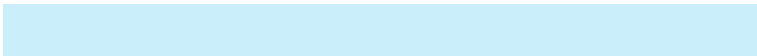
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2923, 81.4717, 108.6738



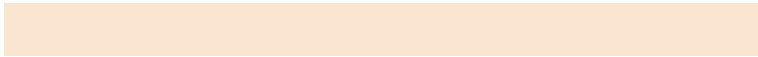
79.1063, 81.4717, 71.2308



72.8184, 81.4717, 103.3274

Square

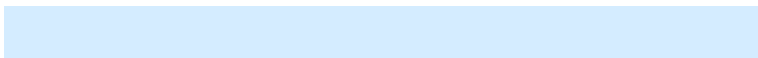
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1063, 81.4717, 71.2308



71.0653, 81.4717, 84.0446



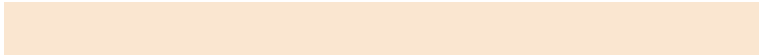
75.7902, 81.4717, 108.8348



84.1773, 81.4717, 93.5425

Rectangle

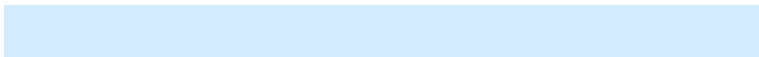
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1063, 81.4717, 71.2308



73.5483, 81.4717, 73.9140



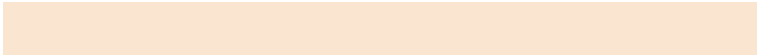
75.7902, 81.4717, 108.8348



81.4592, 81.4717, 105.3569

Sweetspot

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



79.1085, 81.4753, 71.2325



91.1587, 95.3940, 97.8097



76.0264, 71.0549, 83.3262



19.3980, 20.2827, 20.6142



0.0000, 0.0000, 0.0000



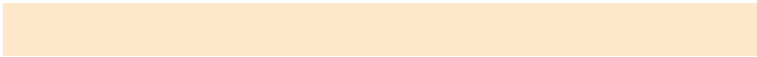
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1085, 81.4753, 71.2325



80.6368, 82.6150, 68.8230



84.7454, 93.1208, 73.1832



17.9972, 18.7302, 18.1291



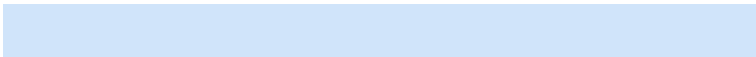
25.3610, 19.6786, 2.4617



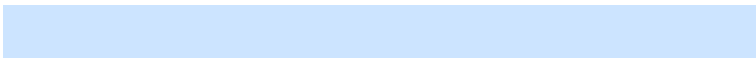
2.4551, 2.0350, 0.2634

Inverse Universe

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



71.0107, 75.7971, 101.3307



70.7722, 75.6982, 105.4889



66.0219, 65.5267, 99.6112



16.9647, 18.0062, 21.9667



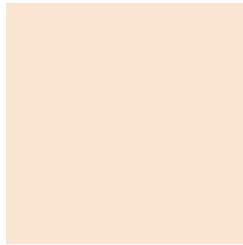
12.7950, 10.9456, 49.4119



1.2904, 1.2245, 4.6115

Previews

White Background



This preview shows how the XYZ color 79.1063, 81.4717, 71.2308 looks on a white background.

Color Contrast Check

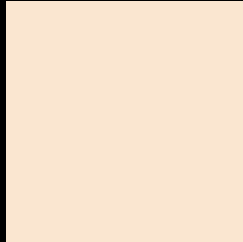
Large Text (above 18pt) WCAG AA × Fail

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 79.1063, 81.4717, 71.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

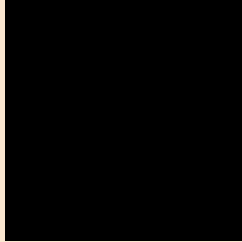
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1063, 81.4717, 71.2308

Background



This preview shows how black text looks on a background with the XYZ color 79.1063, 81.4717, 71.2308.



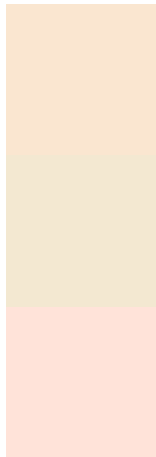
This preview shows how white text looks on a background with the XYZ color 79.1063, 81.4717,

71.2308.

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

79.1063, 81.4717, 71.2308

Protanopia

77.3274, 81.3714, 71.9523

Deuteranopia

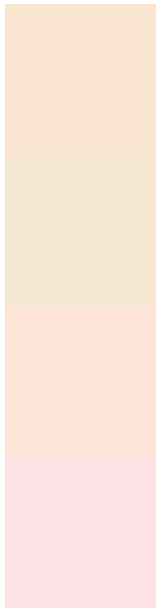
81.2335, 81.2079, 77.0389



Tritanopia

84.3429, 81.5815, 96.0955

Trichromacy



Original Color

79.1063, 81.4717, 71.2308

Protanomaly

78.0906, 81.3481, 71.9075

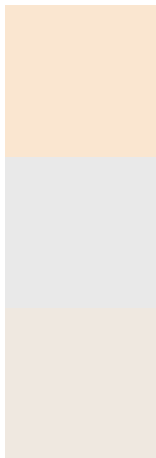
Deuteranomaly

80.3890, 81.2245, 75.0593

Tritanomaly

82.2600, 81.5340, 86.2650

Monochromacy



Original Color

79.1063, 81.4717, 71.2308

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9078, 81.4458, 82.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1063, 81.4717, 71.2308 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(250, 230, 208) looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 208)  
}
```

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(250, 230, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 208) }
```

Border

The CSS property to change the border of an element to XYZ 79.1063, 81.4717, 71.2308 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(250, 230, 208) }
```


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

```
.border{ border-color:rgb(250, 230, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 208);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1063, 81.4717, 71.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 208) }
```

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

```
.background{ background-color: rgb(250,  
230, 208) }
```

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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